

SAM4S

SPS-500 System Cash Register AU

P-Mode Programming Manual



Version 0.97 (Mar 12)
Based on Firmware: v 0.99z

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P-Mode Programming

P-Mode Programming Screen

NOTE: All definition tables are designed following the screen design on the register.

☞ To go to **P-Mode**, get a **C Key** or a **P Key** from the bunch of keys comes with the register, turn to **P-Mode**. The **P-Mode** screen will come up and looks like below when you reach **P-Mode** correctly.

PLU	GROUP	FUNCTION KEY
SYSTEM OPTION	EMPLOYEE	REPORTS
TIME	PRODUCT & INGREDIENT	TAXES
MESSAGES	PRINTER & KV ROUTING	PROMOTION TABLE
FILE MANAGEMENT	P-MODE PGM SCAN	

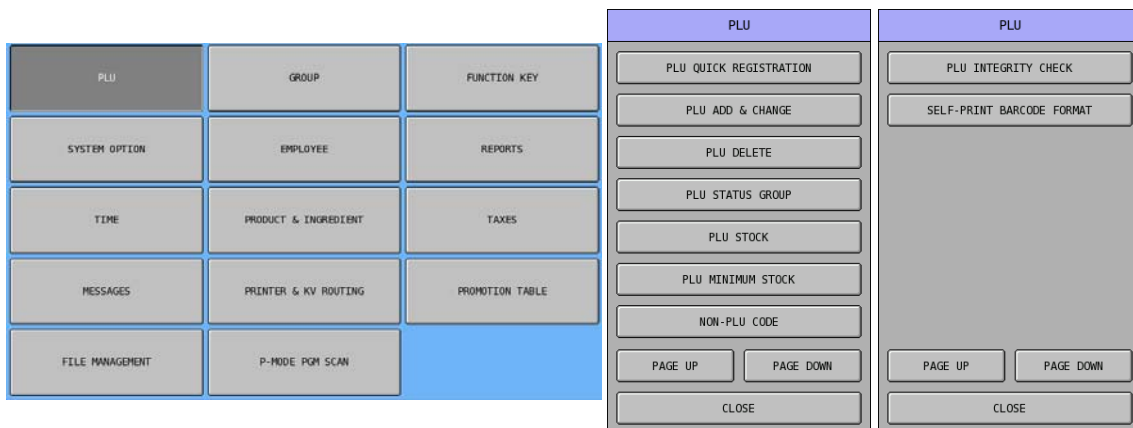
PLU

During **PLU** Programming, each **PLU** is assigned a *descriptor*, *price* or *prices* and *a few unique options*.

The remaining PLU options are determined by linking the *individual PLU* to a **PLU Status Group**. The **PLU Status Group** contains all of the detailed programming option selections that might be assigned to a product. Separate PLU Status Groups are defined to accommodate the needs of groups of PLUs. Like PLUs, the total number of PLU Status Groups is determined by **Memory Allocation**.

The *maximum number of PLUs* available is determined in **Memory Allocation**. (See **S-Mode, MEMORY ALLOCATION**) Each PLU can be assigned a code number up to 18 digits in length.

☞ Tap **PLU** button on **P-Mode** screen, **PLU** window will pop-up. Tap **PAGE UP** button or **PAGE DOWN** button to browse through the options. Tap **CLOSE** button to exit from the list.



In **PLU** programming, programs are organised as following categories:

- **PLU QUICK REGISTRATION** - A special arrangement for quick PLUs (items) programming.
- **PLU ADD AND CHANGE** - The normal way to add new PLU or modify current PLU.
- **PLU DELETE** - Used to delete a PLU or PLUs.
- **PLU STATUS GROUP** - Contains all options that control how PLUs will work.
- **PLU STOCK** - When a PLU is set to be a stock PLU, here is the place to program/adjust stock level.
- **PLU MINIMUM STOCK** - Used to program the minimum stock level to trigger certain action.
- **NON-PLU CODE** - Used to program Price Embedded Barcode format.
- **PLU INTEGRITY** - Used to check the integrity in the PLU file.

PLU Selection Interface

In **PLU** programming, when reach the point of select a **PLU**, this **PLU Selection Interface** will come up. On **SPS-500**, part of the **PLUs** are located on the keyboard, and the rest of them are on one of the 201 Key Links (screens), a **PLU** can be selected by press the button on the keyboard, or tapped on the Key Link (screen).

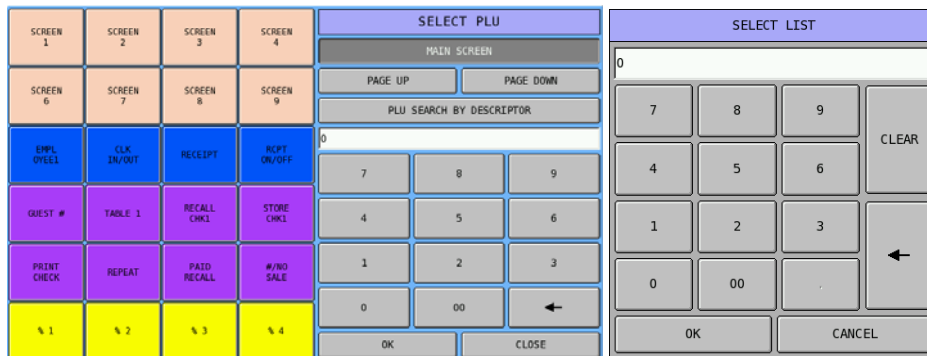
When the **PLU** number is already know, or you are creating a new **PLU**...

☞ Enter **PLU** number through the numeric pad, then tap **OK** button. Tap **CLOSE** to exit.



When a **PLU** to be chosen is on a Key Link (screen), the Key Link (screen) has to be found first. When the Key Links (screen) is **already known**...

☞ Tap **MAIN SCREEN** button on **SELECT PLU** screen, **SELECT LIST** numeric pad will pop-up. Enter the Key Link (screen) number, then tap **OK** button, the Key Link (screen) where the **PLU** located will pop-up, then tap the **PLU** button. Tap **CANCEL** button to exit from **SELECT LIST** numeric pad.



When the Key Links (screen) is **unknown**...

☞ Tap **PAGE UP** button or **PAGE DOWN** button to browse through Key Links (screens) until the **PLU** is found. Then tap the **PLU** button.



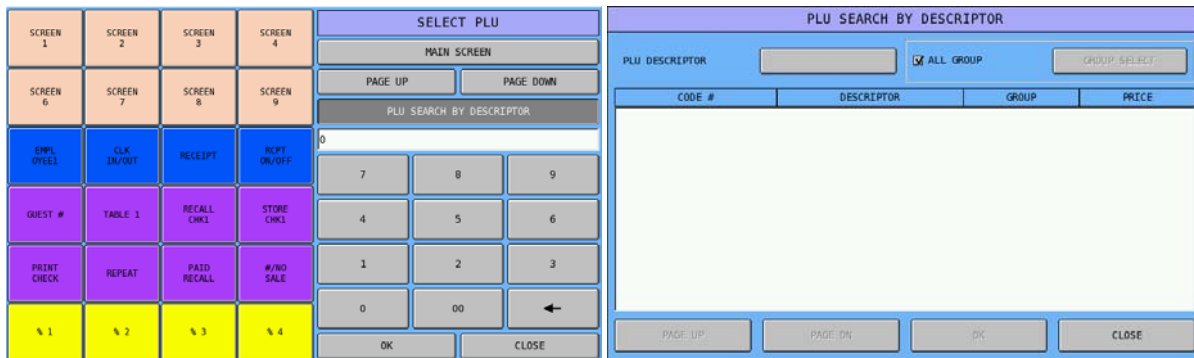
When a Barcode Scanner is used...

☞ Scan the barcode which equal to “manually enter the PLU number then tap **OK** button”.

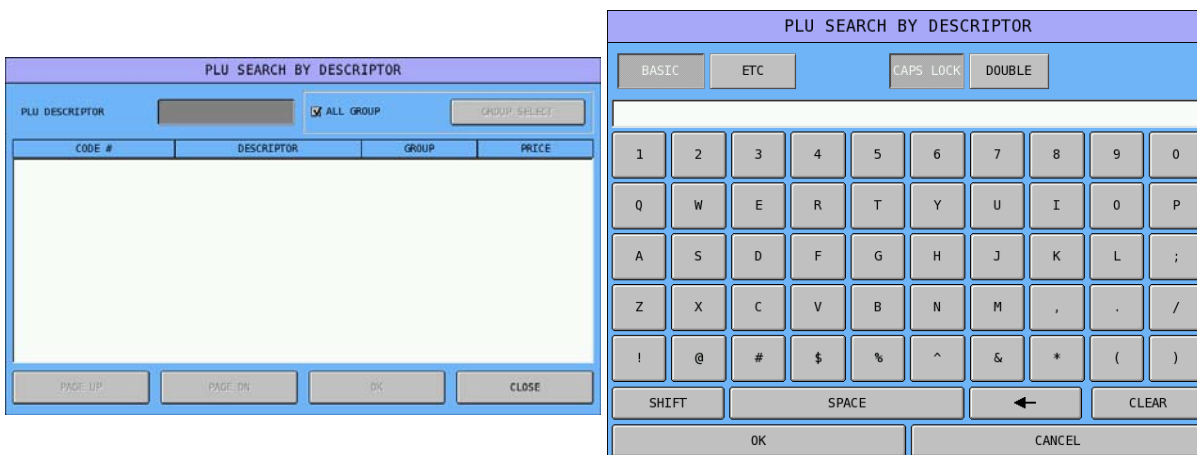


Or a PLU can be found by searching it's descriptor...

☞ Tap **PLU SEARCH BY DESCRIPTOR** button on **SELECT PLU** screen, **PLU SEARCH BY DESCRIPTOR** window will pop-up.



☞ Tap **blank** button of **PLU DESCRIPTOR** on the **PLU SEARCH BY DESCRIPTOR** screen, then enter search condition on popped-up **PLU SEARCH BY DESCRIPTOR** on-screen keyboard. Tap **OK** to search, **CANCEL** to exit.



Below is the example of searching PLU by descriptor and the condition is “1” and its result.

NOTE: The search condition is case sensitive. Please enter condition with right case.

PLU SEARCH BY DESCRIPTOR

BASIC ETC CAPS LOCK DOUBLE

1

1	2	3	4	5	6	7	8	9	0
Q	W	E	R	T	Y	U	I	O	P
A	S	D	F	G	H	J	K	L	;
Z	X	C	V	B	N	M	,	.	/
!	@	#	\$	%	^	&	*	()
SHIFT		SPACE			←		CLEAR		
OK					CANCEL				

PLU SEARCH BY DESCRIPTOR

PLU DESCRIPTOR 1 ALL GROUP GROUP SELECT

CODE #	DESCRIPTOR	GROUP	PRICE
00000000000000000001	PLU1	GROUP1	000001.00
00000000000000000010	PLU10	GROUP1	000001.00
00000000000000000011	PLU11	GROUP1	000001.00
00000000000000000012	PLU12	GROUP1	000001.00
00000000000000000013	PLU13	GROUP1	000001.00
00000000000000000014	PLU14	GROUP1	000001.00
00000000000000000015	PLU15	GROUP1	000001.00
00000000000000000016	PLU16	GROUP1	000001.00
00000000000000000017	PLU17	GROUP1	000001.00
00000000000000000018	PLU18	GROUP1	000001.00
00000000000000000019	PLU19	GROUP1	000001.00
00000000000000000021	PLU21	GROUP1	000001.00
00000000000000000031	PLU31	GROUP1	000001.00
00000000000000000041	PLU41	GROUP1	000001.00
00000000000000000051	PLU51	GROUP1	000001.00

PAGE UP PAGE DN OK CLOSE

PLU Quick Registration

The **PLU QUICK REGISTRATION** programming provides a fast method to program **PLUs**, (**Sales Reporting**) **Groups** with their essential options, also provide a short cut to program related PLU Status Groups, Stock level (in **override method**) and Kitchen Printing option. After PLUs are added or edited using this method, you can choose to automatically make menu screens based upon (**Sales Reporting**) **Group/PLU** data. Use this **PLU QUICK REGISTRATION** programming method when creating an end user program for the first time. This programming method is not recommended for ongoing program maintenance.

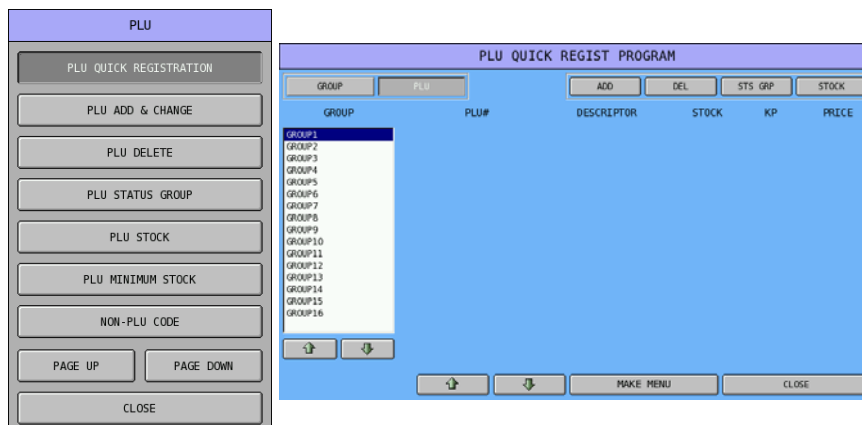
When using **PLU QUICK REGISTRATION** programming method, it will use (**Sales Reporting**) **Group 1 ~ 30**, and **Key Links (Screen) 81 ~ 200**. Up to **56 PLUs** can be shown in each (**Sales Reporting**) **Group**.

Delete PLU File Created by Default Program

When a SPS-500 is just Memory All Cleared, the default program includes an 119 pre-programmed PLUs, which all assigned to (**Sales Reporting**) **Group 1**. As each (**Sales Reporting**) **Group** can only shows up to **56 PLUs** in **PLU QUICKS REGISTRATION** programming, you will have PLU conflict with PLU numbering convention used in the process. If you are creating a new program, it is recommended that you clear PLU file before using **PLU QUICK REGISTRATION**. To do so...

☞ Use a **C-Key**, turn to **S-Mode**, (a hidden position located one more position after **P-Mode** at six o'clock position) tap **MEMORY CLEAR**, then tap **13.CLEAR PLU FILE** button.

☞ Tap **PLU QUICK REGISTRATION** on **PLU** window, then **PLU QUICK REGIST PROGRAM** screen will pop-up for **PLU** programming.



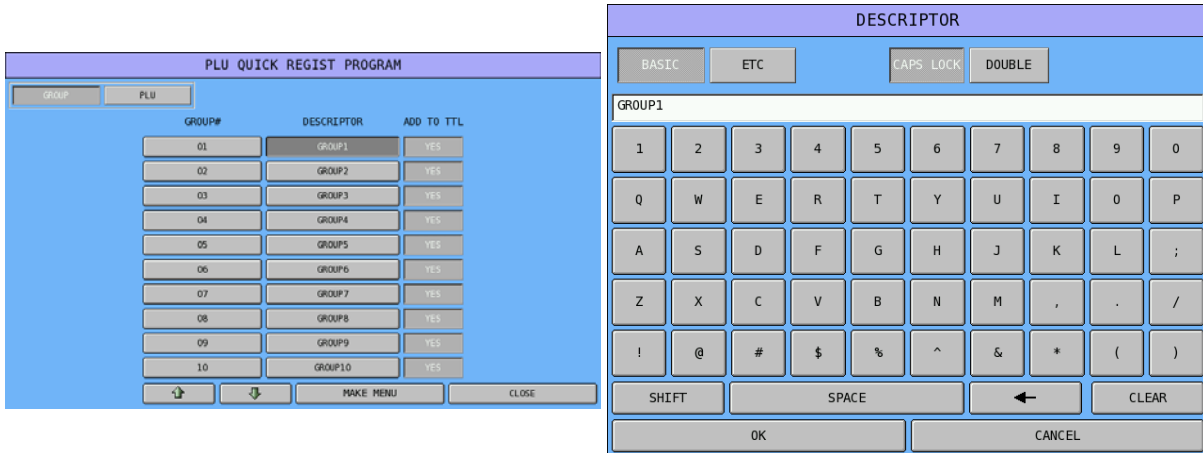
NOTE: After **PLU QUICK REGISTRATION** is select, if the Error Message “**INVALID AUTHORITY LEVEL**” pop-up, the Authority Level for current employee is not allowed to modify PLU Stock with such manner. Please link this employee to a proper Authority Level, or the setting in **P-Mode**, **EMPLOYEE → AUTHORITY LEVEL → OPTION#6 → 43**. needs to be reviewed.

➡ After tap **GROUP** button, then you will switch to **GROUP** programming to quickly program name of each group.

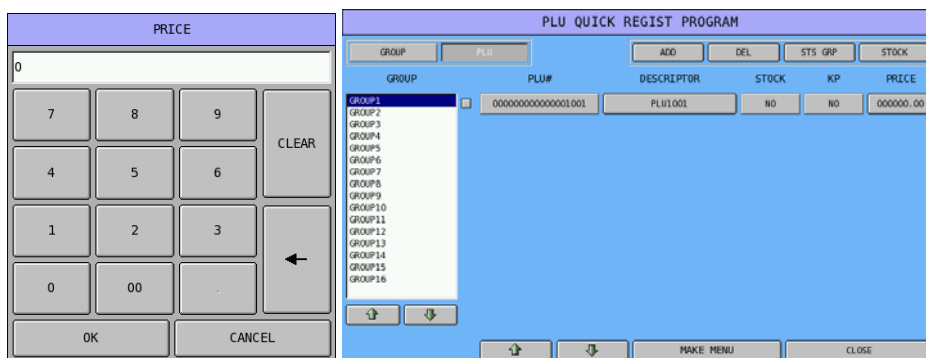
GROUP#	DESCRIPTOR	ADD TO TTL
01	GROUP1	YES
02	GROUP2	YES
03	GROUP3	YES
04	GROUP4	YES
05	GROUP5	YES
06	GROUP6	YES
07	GROUP7	YES
08	GROUP8	YES
09	GROUP9	YES
10	GROUP10	YES

Navigation buttons: ↑ ↓ MAKE MENU CLOSE

Tap on **DESCRIPTOR** button of **GROUP1, DESCRIPTOR** window will pop-up for Group Descriptor programming. Enter the Group name you prefer, then tap **OK** button to confirm, **CANCEL** to discard.



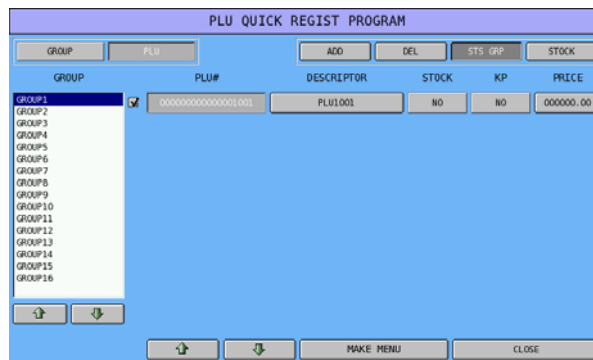
Tap **ADD** button to add new a PLU. Enter Descriptor through popped-up **DESCRIPTOR** window. Tap **OK** to confirm (when leave blank, tap **OK** will skip), **CANCEL** to discard or skip. Then enter Price on popped up **PRICE** numeric pad. Tap **OK** to confirm (when leave blank, tap **OK** will skip), **CANCEL** to discard or skip.



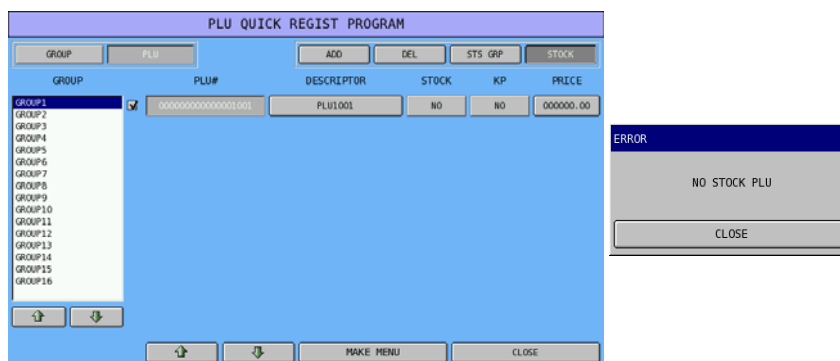
☞ To delete a PLU, tap on the PLU you want to delete, make sure the check box is ticked, then tap **DELETE** button. Tap **OK** to confirm, **CANCEL** to discard.



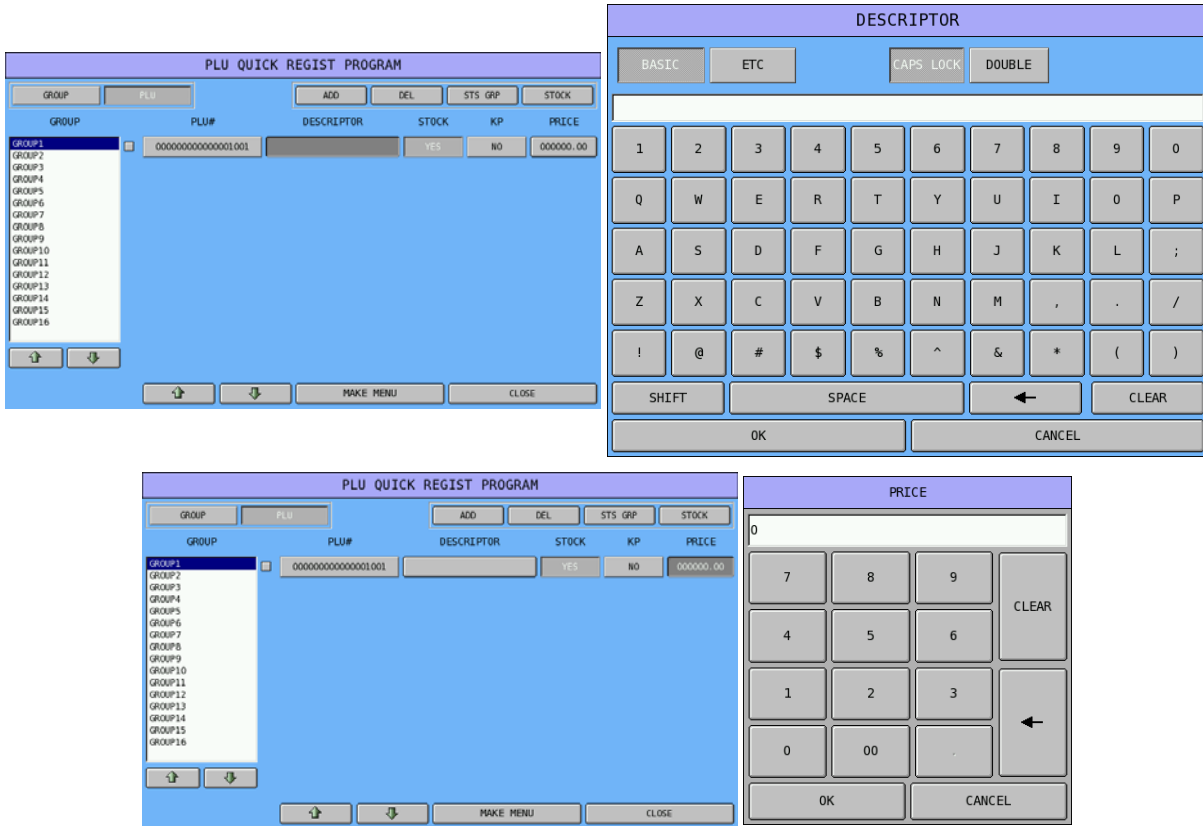
☞ Tap **STS GRP** button, this is the shortcut to **PLU STATUS GROUP** programming. When finish, tap **OK** to confirm, **CANCEL** to discard and will return to **PLU QUICK REGISTRATION**.



☞ Tap **STOCK** button, the **PLU STOCK (OVERRIDE)** programming will pop-up for you to program stock level for this PLU. Tap **CLOSE** will go back to **PLU QUICK REGISTRATION**. When perform this programming, even through you can sap **STOCK [NO]** button to change to **[YES]**, but it will still come up with **ERROR** message - **NO STOCK PLU**. The change has to be make in **PLU STATUS GROUP** programming (**OPTION#2 → 16. STOCK PLU?**)



☞ For exist PLUs, if you happen to change Descriptor or Price of a **PLU**, just tap button of **DESCRIPTOR** to bring up **DESCRIPTOR** window; or tap button of **PRICE** to bring up **PRICE** numeric pad.



Using a 101-Key Keyboard with PLU Quick Registration

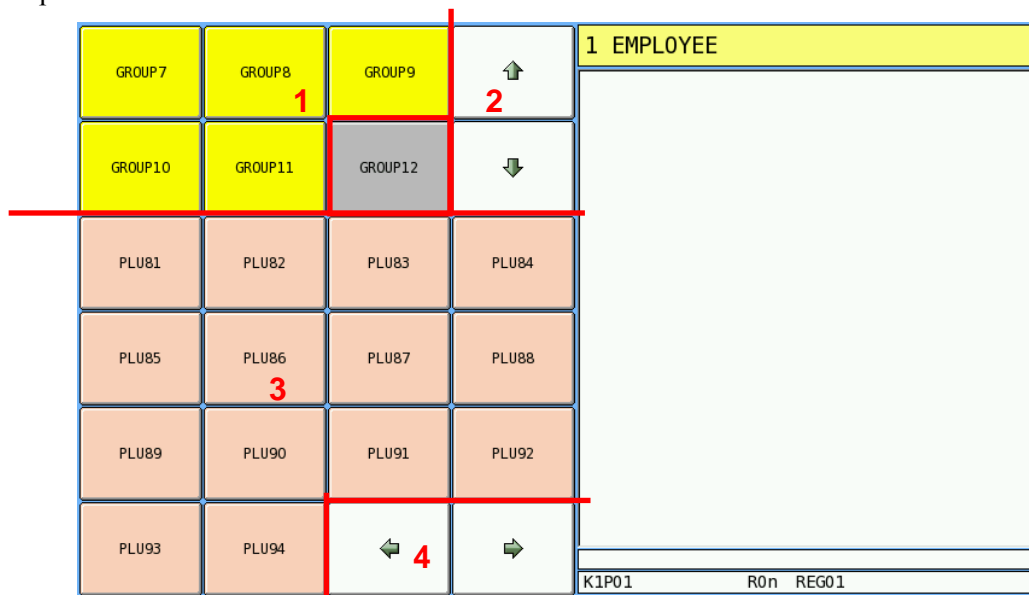
When a PS\2 keyboard is connected to the SPS-500, the keyboard may be used for inputting PLU Quick Registration data. The following keys are control keys:

- Numeric 1 to 0 - Select a PLU.
- F1 / F2 - Select GROUP / PLU screen.
- F3 - Add selected PLU.
- F4 - Delete selected PLU.
- F6 - Edit PLU status group of selected PLU.
- F8 - Edit stock of selected PLU.
- UP/DOWN/LEFT/RIGHT - Navigate GROUP.
- PAGE UP/DOWN - Navigate PLU
- ESC/ENTER - Exit current screen.

At the end of **PLU QUICK REGISTRATION**, when everything looks alright, tap **MAKE MENU** button located at bottom of the screen, SPS-500 will automatically format 120 Key Links (Screens) from 81 to 200 for you. Between them, covers 30 groups and 56 PLUs per Group, it is 4 Key Links (Screens) per Group and 14 PLUs per Key Link (Screen).

Screens created by the Quick Registration System are located beginning at Key Link #81. Group #1 will use Key Links 81-84; Group #2 will use Key Links 85-88, etc. You also need to change the default Key Link (Screen) to 81 (**P-Mode, SYSTEM OPTION → LEVEL / MODIFIER OPTIONS → OPTION#1 → 7. DEFAULT SCREEN (0-200) to 81**; and **9. USE CLERK'S DEFAULT SCREEN LEVEL to NO**). You must make these settings to view the menu screens created by **PLU QUICK REGISTRATION** in **REG-Mode**.

An example of the screen looks like below:



- 1 & 2 is Group Area. 1 is direct access group buttons, **GROUP12** is current group. 2 is **Group Navigation** buttons.
- 3 & 4 is PLU Area. 3 contains 14 PLUs can be direct access. 4 is **Key Links (Screen) Navigation** buttons of **Group12 (4 Key Links (Screens) each Group)**

PLU Quick Registration Example

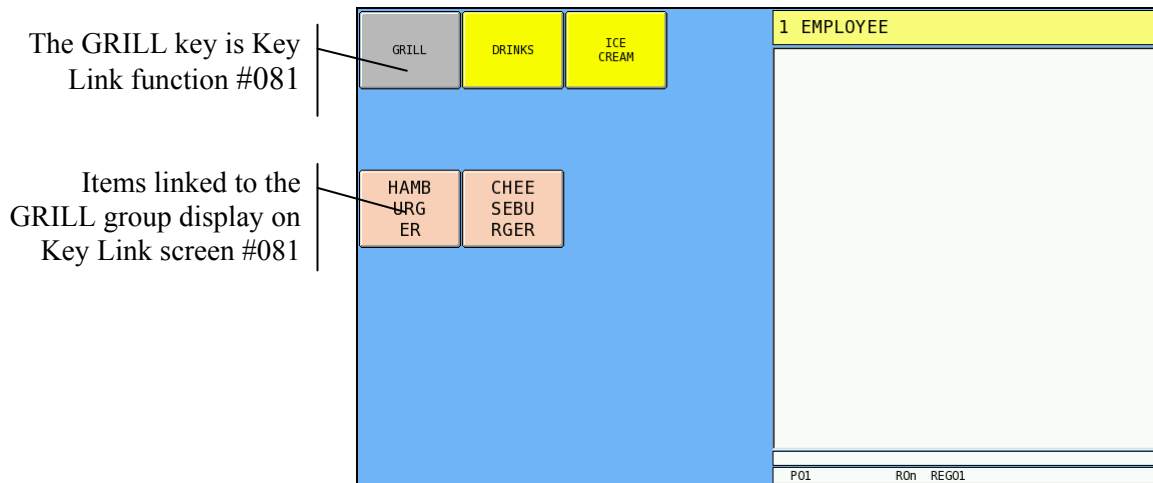
A simple menu consists of:

- 2 Grill items: Hamburger and Cheeseburger
- 2 Drink items: Pepsi and Coke
- 2 Ice Cream items: Cones and Malts

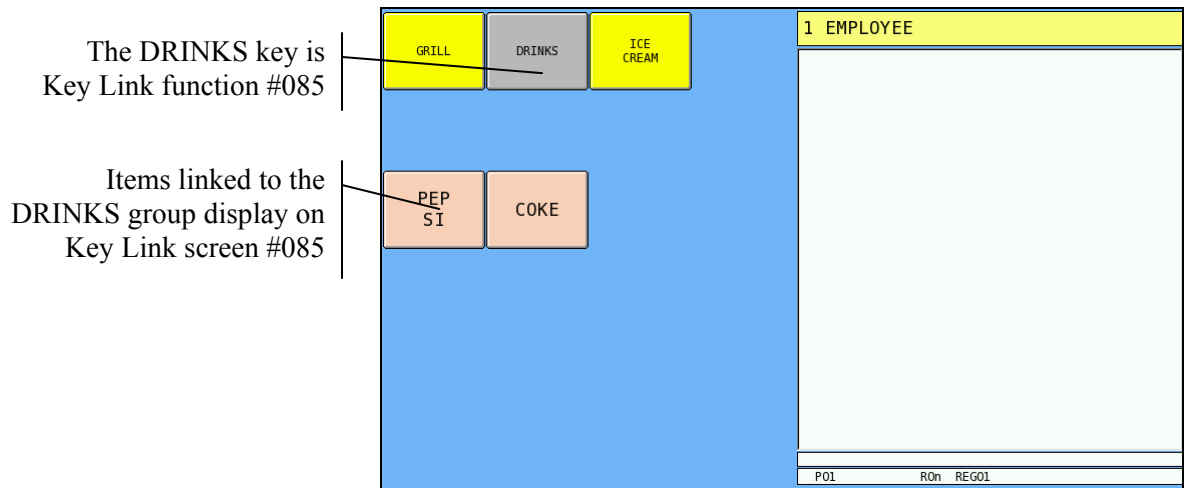
Program these items using the **PLU QUICK REGISTRATION** method:

1. Clear all PLU data: Select **MEMORY CLEAR** from the **S-Mode** menu, then select option **#13. CLEAR PLU FILE**.
2. Select **PLU** from the **P-Mode** menu and then from **PLU** window, tap **PLU QUICK REGISTRATION** button. A blank **PLU QUICK REGISTRATION PROGRAM** screen displays.
3. Tap **GROUP**.
Set the Group 01 descriptor to GRILL
Set the Group 02 descriptor to DRINKS
Set the Group 03 descriptor to ICE CREAM
4. Tap **PLU**.

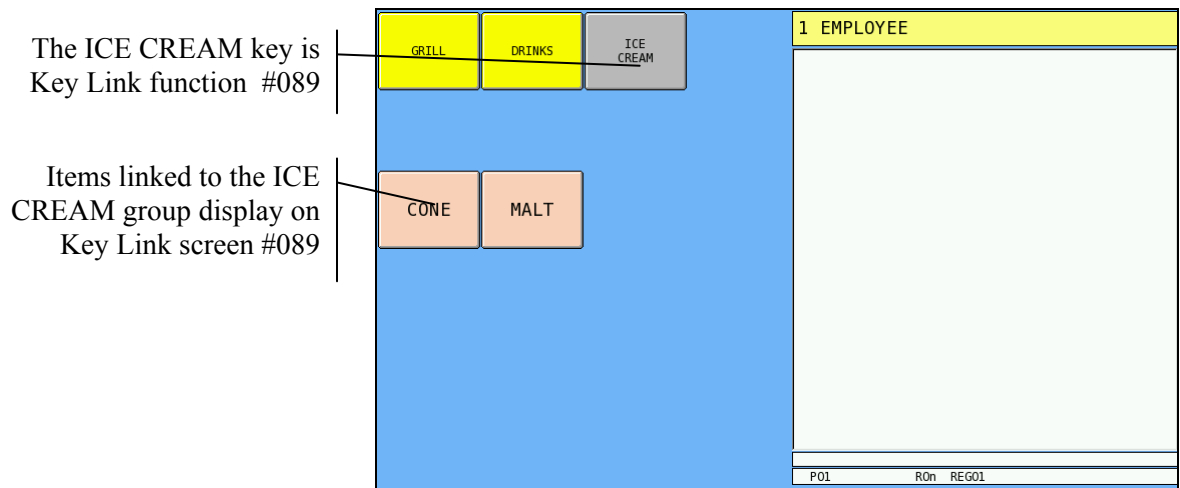
5. Select the GRILL group (default).
6. Tap **ADD**
Type the descriptor: Hamburger, tap **OK**.
Enter the price: 299, tap **OK**
7. Tap **ADD**
Type the descriptor: Cheeseburger, tap **OK**.
Enter the price: 399, tap **OK**
8. Select the DRINKS group.
9. Tap **ADD**
Type the descriptor: Pepsi, tap **OK**.
Enter the price: 100, tap **OK**
10. Tap **ADD**
Type the descriptor: Coke, tap **OK**.
Enter the price: 100, tap **OK**
11. Select the ICE CREAM group.
12. Tap **ADD**
Type the descriptor: Cone, tap **OK**.
Enter the price: 199, tap **OK**
13. Tap **ADD**
Type the descriptor: MALT, tap **OK**.
Enter the price: 299, tap **OK**
14. Tap **MAKE MENU**. The message “**Do You Want To Make Menu Screen**” displays.
15. Tap **YES**. The message “**Do You Want To Configure Printers**” displays. If No is selected, the register will not change Port Parameters and does not change KP Printer Routing.
16. From **P-Mode** menu, tap **SYSTEM OPTION**, and then tap **LEVEL / MODIFIER OPTIONS**. Set option #7 (the default screen) to Key Link #81, also reset Level/Modifier #9, (Use Clerk’s Default Screen Level) to NO. Tap **CLOSE** to exit the program.
17. Go to **REG-Mode**, the newly created menu screen displays:



18. Tap DRINKS to view the drink items.



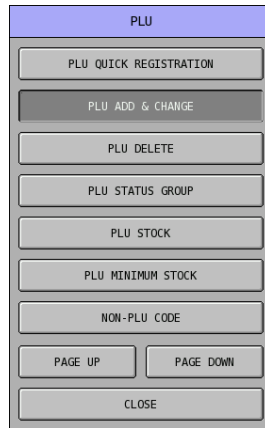
19. Tap ICE CREAM to view the ice cream items.



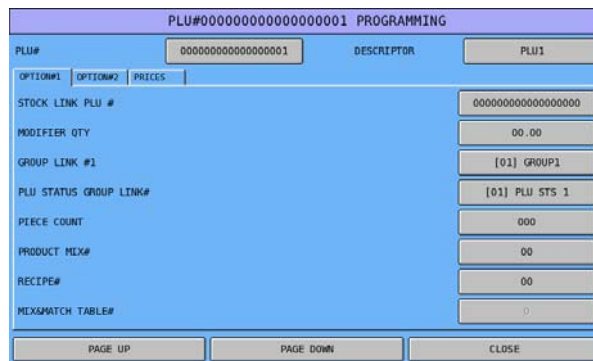
PLU Add & Change

In SPS-500, for unique features and detail programming on an item - PLU, you can create or adjust them here.

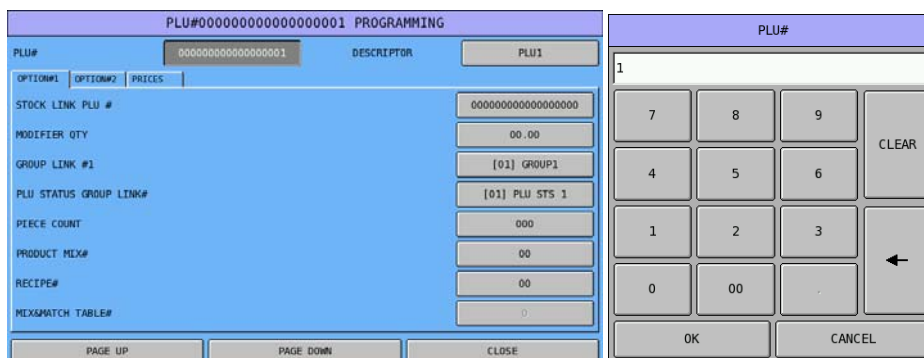
☞ Tap **PLU ADD & CHANGE** button on **PLU** window. Then select an exist PLU or create a new PLU in **SELECT PLU** interface. Please refer to “**PLU SELECTION**” at the beginning of **PLU** programming section for more detail.



After a PLU is either selected or created, the PLU programming screen will pop-up as below.



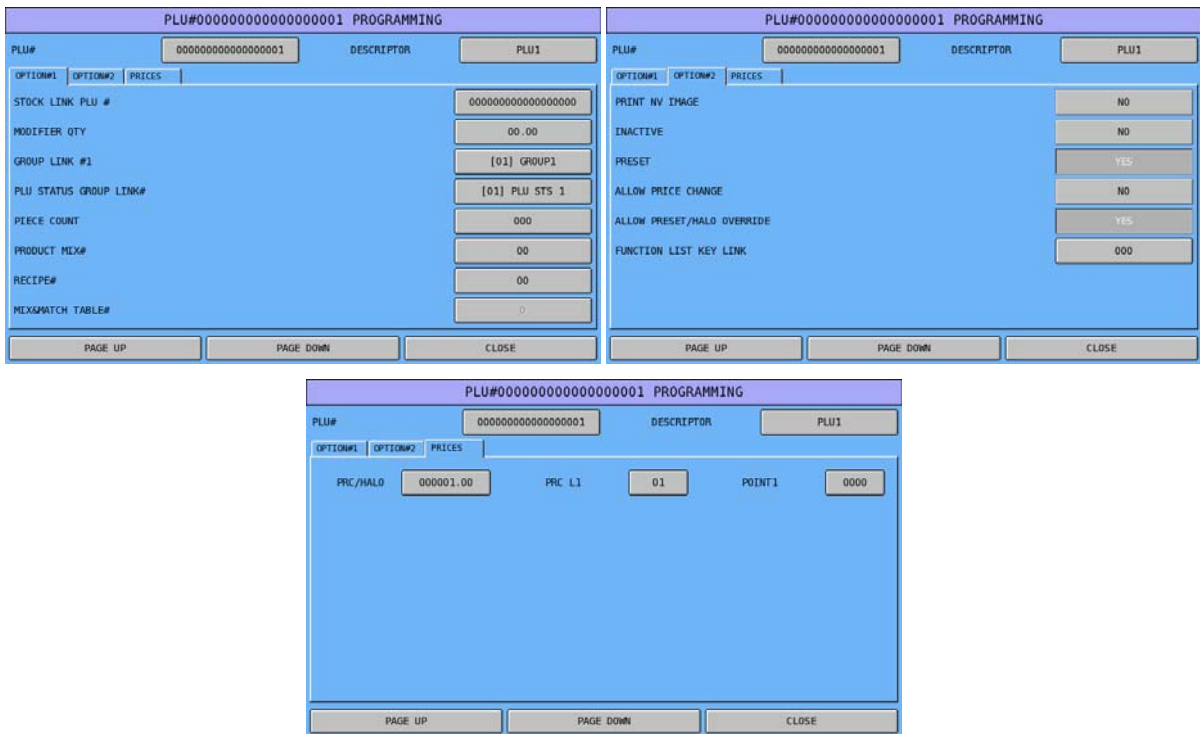
☞ To select different PLU, you can either tap the PLU number button of **PLU#**, then enter another PLU# on popped-up **PLU#** numeric pad. Tap **OK** button to confirm, **CANCEL** to discard. Alternatively, tap **PAGE UP** button or **PAGE DOWN** button to browse through PLUs and looking for the PLU you are looking for.



☞ To program PLU name, tap the button of **DESCRIPTOR**, then program PLU name through pop-up **DESCRIPTOR** window with up to 20 single space characters. Tap **OK** button to confirm, **CANCEL** to discard changes.



Options are designed in 3 tabs. Every entry defines the way that how the PLU will work. The **PLU PRICE LEVEL** is preset to **1 PRICE LEVEL** in **S-Mode**, **MEMORY ALLOCATION** and looks like the **PRICE** tab below.



If you have modified **PRICE LEVEL** in **MEMORY ALLOCATION**, for example, to **5** Price Levels (maximum number of Price Level), the **PRICE tab** will look like below.

PLU#00000000000000000001 PROGRAMMING					
PLU#	000000000000000001	DESCRIPTOR		PLU1	
OPTION#1	OPTION#2	PRICES			
PRC/HAL0	000001.00	PRC L1	01	POINT1	0000
PRC/HAL0	000000.00	PRC L2	02	POINT2	0000
PRC/HAL0	000000.00	PRC L3	03	POINT3	0000
PRC/HAL0	000000.00	PRC L4	04	POINT4	0000
PRC/HAL0	000000.00	PRC L5	05	POINT5	0000

PAGE UP PAGE DOWN CLOSE

PLU Definition

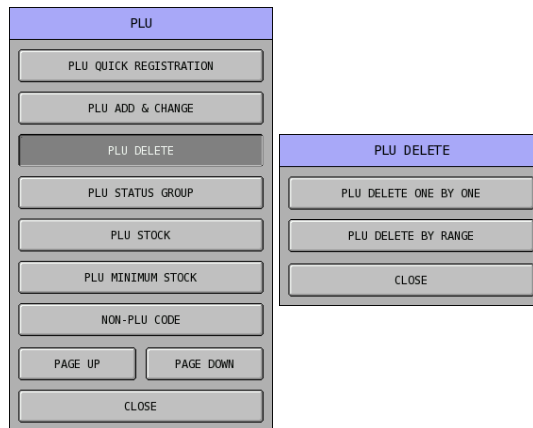
Tab	#	Item
Option #1		<p>STOCK LINK PLU # PLUs can be set to reduce stock levels set at another PLU. Set the number of the PLU where stock is affected (by activity of this PLU) here. This capability has applications where multiple PLUs affect a single inventory item, for example cup counts for beverage items and where items are counted without regard to brand, such as cigarette packs. <i>Please see PGM-Mode → SYSTEM OPTION → GENERAL FUNCTION OPTIONS → OPTION#8 → 65. USE STOCK LINK PLU ON PLU PGM for more option.</i> Default : 000000000000000000 [Not Link]</p>
		<p>MODIFIER QTY This works in conjunction with the stock link PLU flag determining how many units are to be reduced from the main stock item. The field consists of two decimal places for example 50 would result in 0.50 being reduced from the stock of the item program within the stock link PLU field. Default : 00.00 [Not modify]</p>
		<p>GROUP LINK #1 This field is used to provide the first type of sales analysis by category i.e. Beer, Lagers. You can tap this field and select the group link from a list. Default : [01] GROUP1 (Group 1)</p>
		<p>PLU STATUS GROUP LINK# This is the programming for the status group link. Providing an en-masse program procedure for common system flags. You can tap this field and select the PLU Status Group link from a list. Default : [01] PLU STS 1 (PLU Status Group 1)</p>
		<p>PIECE COUNT Enter a value in this field if you wish to use Product Mix and Product Projection reporting. The number of units entered here will be reflected in product mix reporting. Default : 000</p>
		<p>PRODUCT MIX# This works in-conjunction with the piece count to track the unit and case usage of an item, each product can be programmed with the number of pieces used from an outer, i.e. the number of bottles from a case. The piece count would control the number of bottles and the product mix group would control the description of the item and the number of units in case. In this field you would link the item to the product mix group. Default : 00</p>
		<p>RECEIPE# This links to the ingredient inventory, so that when the product is sold, the quantities of each ingredient used are subtracted from stock for the allocated recipe and the appropriate sub recipes. Default : 00</p>
		<p>MIX & MATCH TABLE# This is the promotion discount table, when the product or a mix of products, allocated to the same table are sold the appropriate discount information from the mix and match table will be subtracted. <i>This option will grey out and un-programmable when no memory space is allocated for "Promotion Table". See S-Mode → MEMORY ALLOCATION → OPTION#6 → 30. # OF PROMOTION TABLE for more detail.</i> Default : 0 (Grey out) / 00 (When memory space is allocated)</p>

Tab	#	Item
Option #2		<p>PRINT NV IMAGE Choose YES if you wish to print an image stored in the non-volatile area of the connected printer when the item is registered. The image, such as a coupon, will be printed at the bottom of the receipt. You must also select an image number in the PLU Status Group program. <i>PGM-Mode</i> → <i>PLU</i> → <i>PLU STATUS GROUP</i> → <i>OPTION#6</i> → <i>41. LINKED NV IMAGE#</i>. Default : NO (YES)</p>
		<p>INACTIVE This prevents the product from being sold, without deleting therefore still retaining accumulated product sales data. Default : NO (YES)</p>
		<p>PRESET This determines whether the product is a pre-set or open price. Default : YES (NO)</p>
		<p>ALLOW PRICE CHANGE This is a function that link to PRICE CHG function key, which the “Manager Control” can be setup. Avoid unauthorised price change/preset price override. If yes, the PLU price can be changed in REG mode with the sequence: [PRICE CHANGE] [PLU] [PRICE] [PRICE CHANGE]. Needs [PRICE CHANGE] function key. Default : NO (YES)</p>
		<p>ALLOW PRESET/HALO OVERRIDE This allows the operator to either manually enter over a pre-set priced item or to override a maximum sale limit. This works per PLU, with each product having individual restriction. There are flags on General Function Options and Authority Level also need to be changed accordingly... For General Function Options, <i>PGM-Mode</i> → <i>SYSTEM OPTION</i> → <i>GENERAL FUNCTION OPTIONS</i> → <i>OPTION#2</i> → <i>13. ALLOW PLU PRESET/HALO OVERRIDE</i> to YES. For Authority Level, <i>PGM-Mode</i> → <i>EMPLOYEE</i> → <i>AUTHORITY LEVEL</i> → <i>OPTION#3</i> → <i>17. CAN PLU PRC/HALO OVERRIDE</i> to YES for suitable Authority Level between 1 to 9.. Default : YES (NO)</p>
		<p>FUNCTION LIST KEY LINK Enter the number of the Key Link screen you wish to display immediately after this item is registered. Default : 000 [Not Link]</p>
Option #3		<p>PRC/HALO This is either the pre-set price of an item, or the maximum sale amount of an open price product. The number of price level is determined in S-Mode → MEMORY ALLOCATION (Default Price Level is 1) Default : 000001.00 (1.00 - one dollar)</p>
		<p>PRC L1 This determines the Price Level is triggered by which Price Level Function Key. There are up to five different price levels per product, with up to twenty price levels available to be allocated. This allows a user to create a matrix of PLU’s Prices and how could each price to be accessed by one of the twenty price keys. If the number of PRICE LVL function keys used is more than Price Level allocated in MEMORY ALLOCATION, more settings also need to be checks. Please refer to <i>PGM-Mode</i> → <i>SYSTEM OPTION</i> → <i>LEVEL / MODIFIER OPTIONS</i> and <i>PGM-Mode</i> → <i>FUNCTION KEY</i> → <i>PRICE LVL 1 ~ 20</i> for more option. Default : 01 When more Price Level you have allocated, PRC L2 defaults to 02, PRC L3 to 03... etc</p>
		<p>POINT1 Used for UK Loyalty System. Not applicable in AU/NZ. Default : 0000 When more Price Level you have allocated, POINT2 defaults to 0000, POINT3 to 0000... etc</p>

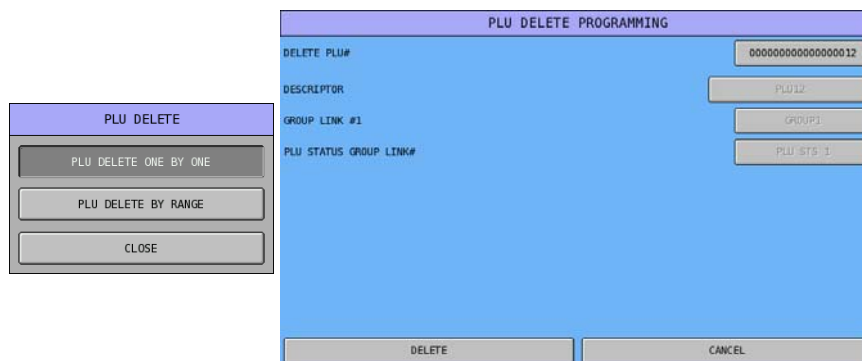
PLU Delete

When you have PLU or PLUs unused in the system, you can delete PLU individually or by rang.

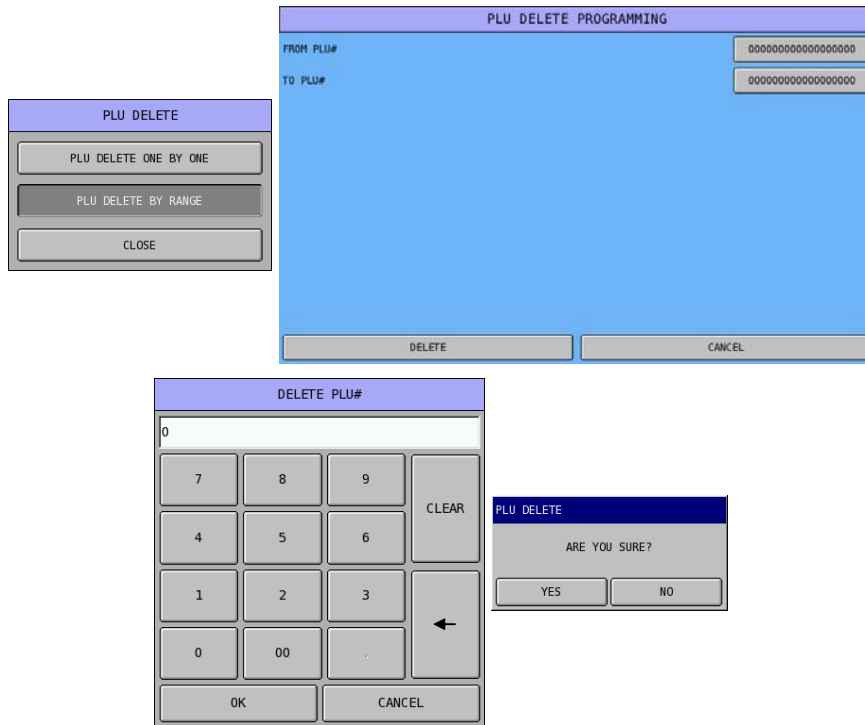
- Tap **PLU DELETE** button on the **PLU** window, **PLU DELETE** window will pop-up. Select which way you would like to delete PLU or PLUs by tapping either **PLU DELETE ONE BY ONE** button or **PLU DELETE BY RANGE** button, tap **CLOSE** to exit.



- Tap **PLU DELETE ONE BY ONE** button on **PLU DELETE** window, then select the PLU you want to delete. Please refer to “**PLU SELECTION**” at the beginning of **PLU** programming. Then tap **DELETE** button on **PLU DELETE PROGRAMMING** window to confirm action, **CANCEL** to discard. Screen will jump back to **SELECT PLU** section. Tap **CLOSE** to go back to **PLU DELETE** window.



Tap **PLU DELETE BY RANGE** button on **PLU DELETE** window, then **PLU DELETE PROGRAMMING** window will pop-up. Tap on **000000000000000000** button of **FROM PLU#**, enter beginning PLU number of deletion from popped-up **DELETE PLU#** numeric pad, then tap on **000000000000000000** button of **TO PLU#** to enter ending PLU number of deletion from popped-up **DELETE PLU#** numeric pad. Tap **DELETE** button to confirm action, **CANCEL** to discard. A further **PLU DELETE** warning will pop-up again, tap **YES** to confirm, **NO** to discard. When deletion finish, screen will jump back to **PLU DELETE** window.



When beginning PLU number (**FROM PLU#**) of deletion is greater than ending PLU number (**TO PLU#**) of deletion, a **RANGE OVER** warning will pop-up like below.



PLU Status Group

PLU Status Groups allow memory to be used more efficiently. In most applications, large groups of PLUs are set with many identical options, while the PLU number, descriptor and price are unique. On the PLU Programming each PLU is assigned a descriptor, price or prices and a few unique options. The remaining PLU options are determined by linking the individual PLU to a PLU Status Group. The PLU Status Group contains all of the detailed programming selections that might be assigned to an individual PLU. Separate PLU Status Groups can be set up to accommodate the needs of groups of PLUs. Like PLUs, the total number of PLU Status Groups is determined by memory allocation.

- Tap **PLU STATUS GROUP** button on the **PLU** window, **PLU STATUS GROUP# 1 PROGRAMMING** screen will pop-up. Tap **PAGE UP** or **PAGE DOWN** button to browse through PLU Status Groups, or...

If the **PLU STATUS GROUP** to be programmed is already known...

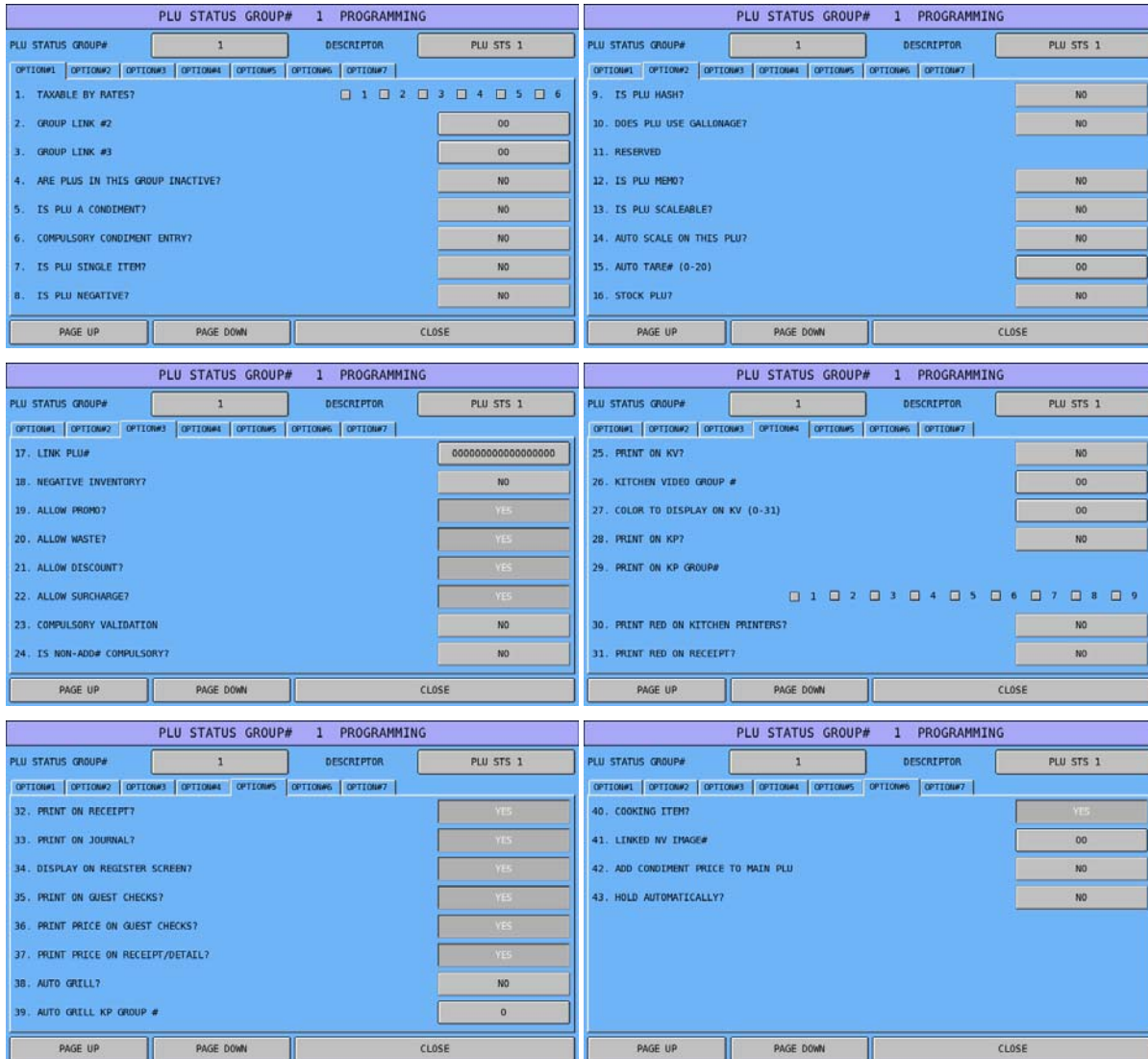
- Tap on **1** button of **PLU STATUS GROUP#** on **PLU STATUS GROUP# 1 PROGRAMMING** window, enter PLU Status Number on popped-up **PLU STATUSGROUP#** numeric pad. Tap **OK** button to confirm, **CANCEL** to exit.

If you want to rename a PLU Status Group...

- Tap on button with PLU Status Group Name of **DESCRIPTOR**, then enter the name through **DESCRIPTOR** window. Tap **OK** button to confirm, **CANCEL** to exit.



Options are designed in seven tabs. Every entry defines the way that how **PLUs** link to this **PLU STATUS GROUP** will work.



PLU STATUS GROUP# 1 PROGRAMMING						
PLU STATUS GROUP#	1			DESCRIPTOR	PLU STS 1	
OPTION#1	OPTION#2	OPTION#3	OPTION#4	OPTION#5	OPTION#6	OPTION#7
44. DEPOSIT PLU FOR BOTTLE RETURN						NO
PAGE UP		PAGE DOWN		CLOSE		

PLU Status Group Definition

Tab	#	Item
Option #1	1	<p>TAXABLE BY RATES? Check for each tax rate to determine if the appropriate tax(es) is automatically calculated when the item is sold. Default : <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 [All un-ticked]</p>
	2	<p>GROUP LINK #2 If you wish to direct PLU sales to more than one group, enter the second reporting group for the GROUP and PLU BY GROUP reports here. Note the following related programs: See “<i>P-Mode, PLU → PLU ADD & CHANGE → OPTION#1</i>” to program the first reporting group for each PLU. See “<i>P-Mode, GROUP</i>” to determine whether each individual group adds to the group total on the financial report. Default : 00 [Not Link]</p>
	3	<p>GROUP LINK #3 If you wish to direct PLU sales to more than one group, enter the second reporting group for the GROUP and PLU BY GROUP reports here. Default : 00 [Not Link]</p>
	4	<p>ARE PLUS IN THIS GROUP INACTIVE? This determines if all items link to this Status Group are able to sale or not. Default : NO [Not inactive – Saleable] (YES)</p>
	5	<p>IS PLU A CONDIMENT? Condiment PLUs are different from non-condiment PLUs in the manner they display and print during operations. Non-condiment PLUs are used for “main” items. Condiment items are indented and displayed/printed below a main item so that condiments or cooking instructions are easily understood for each “main” item. A condiment PLU can be both priced (such as extra items) or zero price (such as cooking instruction or choices in the set menu). <i>Please see OPTION#6 → 42. ADDCONDIMENT PRICE TO MAIN PLU for additional feature.</i> Default : NO (YES)</p>
	6	<p>COMPULSORY CONDIMENT ENTRY? This option determines if PLUs are MAIN item and requires additional condiment PLU to be followed. If YES, then a condiment entry must follow the registration of a PLU from this Status Group. Default : NO (YES)</p>
	7	<p>IS PLU SINGLE ITEM? The transaction is finalised automatically when a PLU first registered sets to SINGLE ITEM. Default : NO (YES)</p>
	8	<p>IS PLU NEGATIVE? Negative PLUs subtract from a sale, rather than add to a sale. Default : NO (YES)</p>
Option #2	9	<p>IS PLU HASH? HASH PLUs do not affect certain totals in reports. For more detail settings, see <i>PGM-Mode → SYSTEM OPTION → GENERAL FUNCTION OPTIONS → OPTION#2 → 7. HASH OPTIONS.</i> Default : NO (YES)</p>

Tab	#	Item
	10	<p>DOES PLU USE GALLONAGE? Gallonage PLUs must be set as open PLUs. The PRICE/HALO must be set as the price per gallon. (The price is set at three decimal places, however the PLU programming screen will always display in a two digit decimal format. For example if a PLU is gallonage, a price of \$1.299 per gallon would be set as "12.99".) Gallonage PLUs will report the gallons sold in the activity counter on the PLU report by dividing the PLU total by the price per gallon. Default : NO (YES)</p>
	11	Reserved
	12	<p>IS PLU MEMO? Use Memo PLUs to display a descriptor on the screen or print a descriptor at a printer. Memo PLUs do not add to any total in the <i>SPS-530</i>. Default : NO (YES)</p>
	13	<p>IS PLU SCALEABLE? This allows the product to be a weighted item, and the register the weight with price programmed/entered. <i>Please see PGM-Mode, SYSTEM OPTION → GENERAL FUNCTION OPTIONS → OPTION#3 → 15. ALLOW OPEN ENTRY FOR SCALE PLUS for related setting.</i> Default : NO (YES)</p>
	14	<p>AUTO SCALE ON THIS PLU? When a weighing only scale is connected via serial interface, the weight can transfer to <i>SPS-530</i> then multiply with the unit price when set to YES. <i>If YES, please check the S-Mode, DEFINE PORT for device setting.</i> <i>Please see PGM-Mode, SYSTEM OPTION → GENERAL FUNCTION OPTIONS → OPTION#3 → 15. ALLOW OPEN ENTRY FOR SCALE PLUS for related setting.</i> Default : NO (YES)</p>
	15	<p>AUTO TARE# (0-20) Use to select one of the 20 tare weight (pre-programmed packaging weight) in order to subtract from total weight. To program tare weight, go to: <i>PGM-Mode, Function Key → Function Key → 208. SCALE → SET TARE WEIGHTS</i> Default : 00 [Not Linked] (00 ~ 20)</p>
	16	<p>STOCK PLU? Use to activate stock level tracking with PLU. Once YES is selected, all PLUs link to the PLU STATUS GROUP can program STOCK. <i>Please see P-Mode, PLU → PLU STOCK to choose between ADD, OVERRIDE or SUBTRACT then enter stock level on selected PLU.</i> Default : NO (YES)</p>
Option #3	17	<p>LINK PLU# If you wish the registration of the PLU assigned to this PLU status group to automatically cause the registration of another PLU, enter the number of the PLU you wish to register automatically here. Default : 0000000000000000 [Not Linked]</p>
	18	<p>NEGATIVE INVENTORY? Use this option only if you are using the recipe and ingredient inventory system and you are using PLUs to designate subtractions from a menu item. <i>For example, a PLU may be designated "No Cheese" by designating a PLU to print this instruction. By assigning the "No Cheese" PLU to a PLU Status Group with this setting at Yes the inventory records for cheese will be maintained correctly.</i> Default : NO (YES)</p>

Tab	#	Item
	19	<p>ALLOW PROMO? Use to determine if PROMO operation (<i>PROMO function key</i>) is allowed with PLUs link to this PLU STATUS GROUP. <i>i.e. buy two get one free. PROMO activity will remove the item cost from the sale, but the count will include the promo item.</i> <i>Please see PGM-Mode → PROMOTION TABLE for related settings.</i> Default : YES (NO)</p>
	20	<p>ALLOW WASTE? Use to determine if WASTE operation (<i>WASTE function key</i>) is allowed with PLUs link to this PLU STATUS GROUP. <i>Please see S-Mode → KEY FUNCTION for related programming and PGM-Mode → FUNCTION KEY for related settings.</i> Default : YES (NO)</p>
	21	<p>ALLOW DISCOUNT? Use to determine if a discount operation (<i>%function key</i>) is allowed with PLUs link to this PLU STATUS GROUP. <i>Please see S-Mode → KEY FUNCTION for related programming and PGM-Mode → FUNCTION KEY for related settings.</i> Default : YES (NO)</p>
	22	<p>ALLOW SURCHARGE? Use to determine if a discount operation (<i>%function key</i>) is allowed with PLUs link to this PLU STATUS GROUP. <i>Please see S-Mode → KEY FUNCTION for related programming and PGM-Mode → FUNCTION KEY for related settings.</i> Default : YES (NO)</p>
	23	<p>COMPULSORY VALIDATION If set to YES, a validation must be performed after a PLU link to this PLU STATUS GROUP is registered. No further operation can be performed before the validation is done. Default : NO (YES)</p>
	24	<p>IS NON-ADD# COMPULSORY? If set to YES, a numeric entry must be made in to the NON-ADD# function key before a PLU link to this PLU STATUS GROUP is registered. No further operation can be performed before the validation is done. Default : NO (YES)</p>
Option #4	25	<p>PRINT ON KV? Use to determine if PLUs link to this PLU STATUS GROUP will print on Kitchen Video (KV) or not. <i>If YES, please check the S-Mode → DEFINE PORT for device setting and PGM-Mode → PRINTER & KV ROUTING → KITCHEN VEDIO ROUTING for related settings.</i> Default : NO (YES)</p>
	26	<p>KITCHEN VIDEO GROUP# For ALL PLU Status Groups that are about to send to kitchen video, they can be assigned to a Kitchen Printing Group (KP Group). Default : 00</p>
	27	<p>COLOR TO DISPLAY ON KV (0-31) Use to select a code of colour represent the PLUs link to this PLU STATUS GROUP when appear on the Kitchen Video System. On SPS-530, the selection is between 0 ~ 31, which capable to provide up to 31 choices. But the final result depends on the capability of displaying colours on the Kitchen Video System. Default : 00 (0 to 31)</p>

Tab	#	Item
	28	PRINT ON KP? Use to determine if PLUs link to this PLU STATUS GROUP will print on Kitchen Printer (KP) or not. <i>Please see OPTION#5 → 38. AUTO GRILL? for related feature.</i> <i>If YES, please check the S-Mode → DEFINE PORT for device setting, PGM-Mode → SYSTEM PRINTERCONFIGURATION and PGM-Mode → PRINTER & KV ROUTING → KITCHEN PRINTER ROUTING for related settings.</i> Default : NO (YES)
	29	PRINT ON KP GROUP# For ALL PLU Status Groups that are about to send to kitchen printer, they can be assigned to up to 9 Kitchen Printing Group (KP Group) . As one status group has the possibility belongs to more than one group, here is the place you select which KP Group this PLU Status Group belongs to. <i>Please see OPTION#5 → 39. AUTO GRILL KP GROUP # for related feature.</i> <i>Also see P-Mode, → PRINTER & KV ROUTING → KICHEN PRINTER ROUTING for related settings</i> Default : <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9 [All un-ticked - Not Print on any KP Group]
	30	PRINT RED ON KITCHEN PRINTERS? When a impact/dot matrix printer with BLACK/RED two colour ribbon is installed as a kitchen printer, set YES will print RED on the printer, a thermal printer will print invert. Default : NO (YES)
	31	PRINT RED ON RECEIPT? When a impact/dot matrix printer with BLACK/RED two colour ribbon is installed as a receipt printer, set YES will print RED on the printer, a thermal printer will print invert. Default : NO (YES)
	Option #5	32
	33	PRINT ON JOURNAL? Use to determine if PLUs link to this PLU STATUS GROUP will print on Journal Printer. Default : YES (NO)
	34	DISPLAY ON REGISTER SCREEN? Use to determine if PLUs link to this PLU STATUS GROUP will DISPLAY on Screen. Default : YES (NO)
	35	PRINT ON GUEST CHECKS? Use to determine if PLUs link to this PLU STATUS GROUP will print on Guest Check. Default : YES (NO)
	36	PRINT PRICE ON GUEST CHECKS? Use to determine if PLUs link to this PLU STATUS GROUP will print Price on Guest Check. Default : YES (NO)
	37	PRINT PRICE ON RECEIPT/DETAIL? Use to determine if PLUs link to this PLU STATUS GROUP will print Price on Receipt Printer/Journal Printer. Default : YES (NO)
	38	AUTO GRILL? Use to send items in this PLU STATUS GROUP to kitchen printer designated in “39. AUTO GRILL KP GROUP#”. Items are sent with one item delay. <i>Please make sure “28. PRINT ON KP?” sets to YES in order to cooperate with this option.</i> Default : NO (YES)

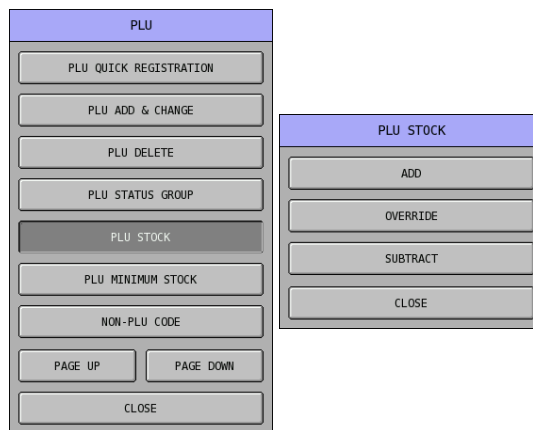
Tab	#	Item
	39	<p>AUTO GRILL KP GROUP# When "AUTO GRILL?" is set YES, enter the Kitchen Printing Group number for printing of Auto Grill items. <i>Please make sure "29. PRINT ON KP GROUP#" has assigned to at least one group in order to cooperate with this option.</i> Default : 0 (0 ~ 9)</p>
Option #6	40	<p>COOKING ITEM? There is a system flag which allows a special order ticket to be printed including any PLU's flagged as cooking item. This is printed in addition to the normal Kitchen stub and provides an additional ticket showing only the required items. Default : YES (NO)</p>
	41	<p>LINKED NV IMAGE# If you intend to print an image when an item linked to this status group is registered, indicate the number of the image that is stored in the printer's NV memory area here. You must also choose YES at the "Print NV Image" option of the individual PLU program. <i>PGM-Mode → PLU → PLU ADD & CHANGE → Select appropriate PLU → OPTION#2 → PRINT NV IMAGE.</i> Default : NO (YES)</p>
	42	<p>ADD CONDIMENT PRICE TO MAIN PLU When a Condiment PLU has preset price programmed, use this feature to add price into Main PLU rather than show price on the Condiment PLU itself. <i>When OPTION#1 → 5. IS PLU A CONDIMENT? is not set to YES, a warning message will appear and machine will beep!.</i> Default : NO (YES)</p>
	43	<p>HOLD AUTOMATICALLY Use to be able to HOLD items in this PLU STATUS GROUP on the KP/KV automatically. Default : NO (YES)</p>
Option #7	44	<p>DEPOSIT PLU FOR BOTTLE RETURN Default : NO (YES)</p>

PLU Stock

NOTE: Before you program **PLU MINIMUM STOCK**, please make sure the **PLU STATUS GROUP** that the **PLU** linked with is set to Stock PLU. Please find out which **PLU STATUS GROUP** is, then see **P-Mode, PLU → PLU STATUS GROUP → OPTION#2 → 16. STOCK PLU?**

For PLUs linked to the **PLU STATUS GROUP** with **STOCK PLU** sets to **YES**, you can program inventory levels for those PLUs individually and adjust later. There are three ways to adjust: **ADD** to add new inventory, new stock number will be **summed up**; **OVERRIDE** to enter a new total inventory value, new stock level will be **replaced** or **SUBTRACT** to subtract inventory and stock level will be **deducted** by the amount entered.

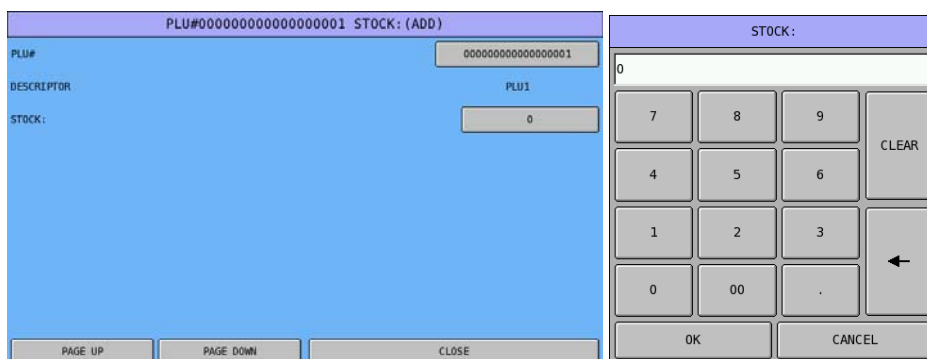
☞ Tap **PLU STOCK** button on **PLU** window, **PLU STOCK** window will pop-up. Select the way you want to adjust the inventory level between **ADD**, **OVERRIDE** or **SUBTRACT** by tapping the button. Tap **CLOSE** to exist. Then select a PLU. Please refer to “**PLU SELECTION**” at the beginning of **PLU** programming.



NOTE: After PLU Stock modification manner is select, if the Error Message “**INVALID AUTHORITY LEVEL**” pop-up, the Authority Level for current employee is not allowed to modify PLU Stock with such manner. Please link this employee to a proper Authority Level, or the settings in **P-Mode, EMPLOYEE → AUTHORITY LEVEL → OPTION#5 → 36. ~ 38.** need to be reviewed.

☞ Tap the **0** button of **STOCK**, then enter the stock amount through popped-up **STOCK:** numeric pad. Tap **OK** to confirm, **CANCEL** to exit. Here shows “**ADD**” as example.

NOTE: Amount entered is up to **2 digits after decimal point**; please enter **500** for **5 item counts**.



PLU Minimum Stock

NOTE: Before you program **PLU MINIMUM STOCK**, please make sure the **PLU STATUS GROUP** that the **PLU** linked with is set to Stock PLU. Please find out which **PLU STATUS GROUP** is, then see **P-Mode, PLU → PLU STATUS GROUP → OPTION#2 → 16. STOCK PLU?**

You can enter minimum inventory levels for PLUs with stock status. When the level of a stock item falls below the minimum inventory level set here, a warning “**BELOW MINIMUM STOCK**” will display on the screen when goods is registered. Alternatively, the registration of the item can be halt, along with warning “**UNDER MINIMUM STOCK**” by changing a system option. (Please see **P-Mode, SYSTEM OPTION → GENERAL FUNCTION OPTIONS → OPTION#7 → 61. ALLOW SALES UNDER MINIMUM STOCK**)

When a PLU stock level falls below the minimum stock level, it will also appear on **PLU MINIMUM STOCK** report. (Please see **X/Z-Mode, X/Z STOCK REPORTS → PLU MINIMUM STOCK**)

When multiple registers are installed, stock count is checked by IRC at each stock item registration.

☞ Tap **PLU MINIMUM STOCK** button on **PLU** window. Then select a PLU. Please refer to “**PLU SELECTION**” at the beginning of **PLU** programming.

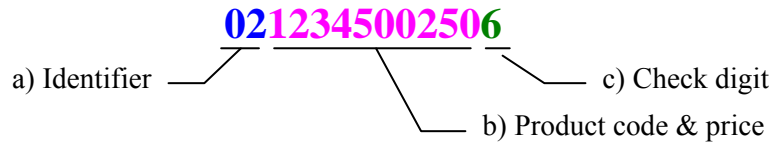
☞ Tap the **0** button of **MINIMUM STOCK**, then enter the minimum stock amount through popped-up **MINIMUM STOCK**: numeric pad. Tap **OK** to confirm, **CANCEL** to exit.

NOTE: Amount entered is up to **2 digits after decimal point**; please enter **500** for **5 item counts**.

NON-PLU Code

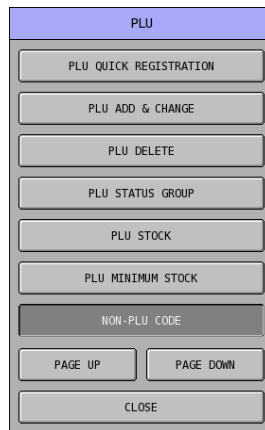
The NON-PLU Code program must be set if you wish to scan UPCs (using the EAN 13 code) with embedded prices, weights or quantities.

Within the EAN 13 code, the first two digits (part a) are used as an identifier and the last digit (part c) is used as a check digit. The remaining 10 digits (part b) contain the product code and the price (or weight or quantity).



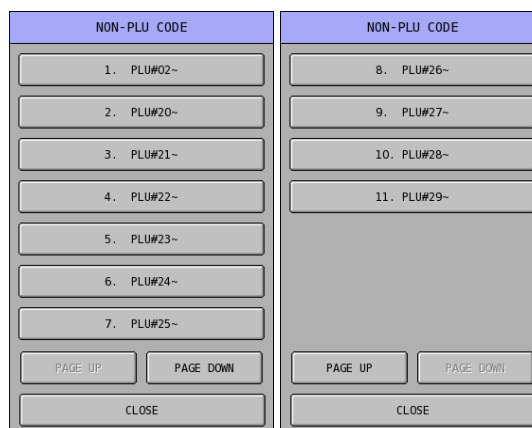
The purpose of this program is to define the format of the 10-digit **part b** for each possible identifier.

☞ Tap **NON-PLU CODE** on the **PLU** window, **NON-PLU CODE** window will pop-up.



There are totally 11 identifier numbers available for Non-PLU code programming: “02” and “20” through “29”, pickup the one you want for programming.

☞ Tap the **NON-PLU CODE** button you want to program on **NON-PLU CODE** window, tap **PAGE UP** button or **PAGE DOWN** button to browse through options. Tap **CLOSE** button to exit from the list. **NON-PLU# * (PLU#**~) PROGRAMMING (* is the number)** window will pop-up.



For part b, normally involves only 2 components - product code (PLU# - **FIELD 1**) and price (or weight or quantity - **FIELD 2**). But sometimes the **1 digit PRICE CHECK DIGIT** exists between **FIELD 1** and **FIELD 2** then become 3 components.

So, it is either digit(s) of **FIELD 1** plus digit(s) of **FIELD 2** equal **10** digits or digit(s) of **FIELD 1** plus digit(s) of **FIELD 2** equal to **9** digits when **PRICE CHECK DIGIT** is used.

NOTE: Before you program **NON-PLU CODE**, please contact your goods supplier for barcode format detail, or contact your dealer.

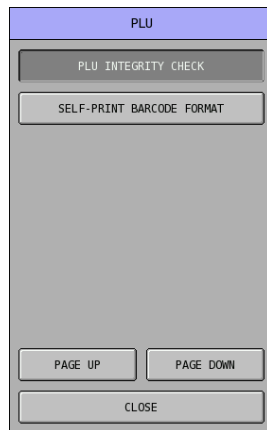
Non PLU Code Definitions

Tab	#	Item
		LENGTH OF FIELD 1(=PLU CODE) Assign the length of the field 1 as PLU Code. * Default : 5 (0 ~ 9)
		LENGTH OF FIELD 2 Assign the length of the field 2. * Default : 5 (0 ~ 9)
		CONTENT OF FIELD 2 Select the type of content for field 2 - price / weight / quantity Default : PRICE (PRICE / WEIGHT / QUANTITY)
		USE PRICE CHECK DIGIT? Declare if Price Check Digit is used in the Price Embedded Barcode. * Default : NO (YES)
		TAB OR DECIMAL POINT OF FIELD 2 The position of decimal point is always 2. The way this feature work is filling "0" at the end of number extracted from field 2. Default : 0 [Not fill any 0 = 2 digit decimal point] (0 ~ 3)

PLU Integrity Check

Choosing this option will check the PLU file for invalid programming and print a report listing PLUs that have invalid programming. An example of invalid programming is a PLU programmed with PLU STATUS GROUP #400 when only 200 PLU STATUS GROUPS are allocated in MEMORY ALLOCATION. This feature will check the flags **STOCK LINK PLU**, **MODIFIER QTY**, **GROUP**, **PLU STATUS GROUP**, **PIECE COUNT**, **PRODUCT MIX#**, **RECIPE#**, **MIX&MATCH#** and **FUNCTION LIST#**. When programming at the register it is not possible to program these fields with invalid programming, however if memory allocation is changed after the program is created these fields could become invalid.

Tap **PAGE DOWN** button, then **PLU INTEGRITY CHECK** button, a docket will print on internal receipt printer, then jump back to the first screen of **PLU** window.

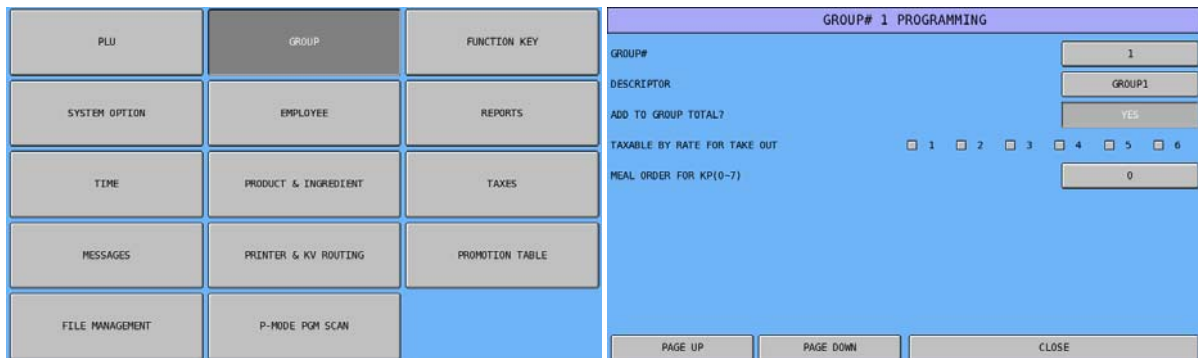


Group

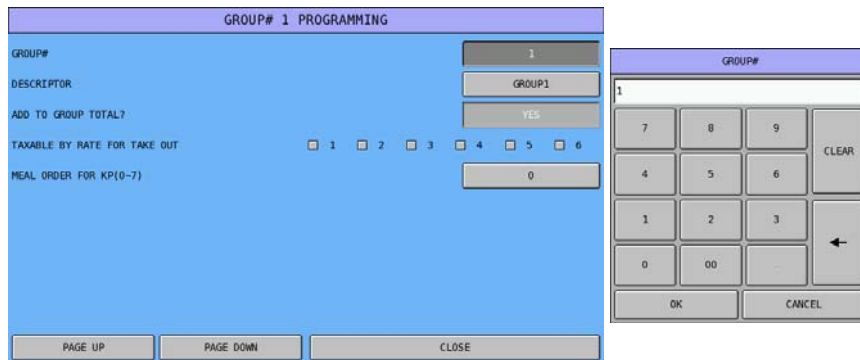
Groups are designated to accumulate PLU sales for convenient reporting totals. A PLU can send its' sales information to up to 3 Groups. The setting of **GROUP LINK #1** is in **PLU** programming (**PLU ADD & CHANGE** and **PLU QUICK REGISTRATION**). **GROUP LINK #2** and **#3** are set in **PLU STATUS GROUP** programming.

On SPS-500, the number of **GROUP** is fixed **99** Groups. This program allows you to set up the **GROUPS** that PLU sales will report to. You can program (rename) the **GROUP DESCRIPTOR**, determine if a Group sales total is adding to **GROUP TOTAL** or not, Taxable or not and taxable by which tax when PLU link to this group sold in **TAKE OUT (DESTINATION 2)** condition, as well as if activate **MEAL ORDER** triggered by **PRINT** function key (#190).

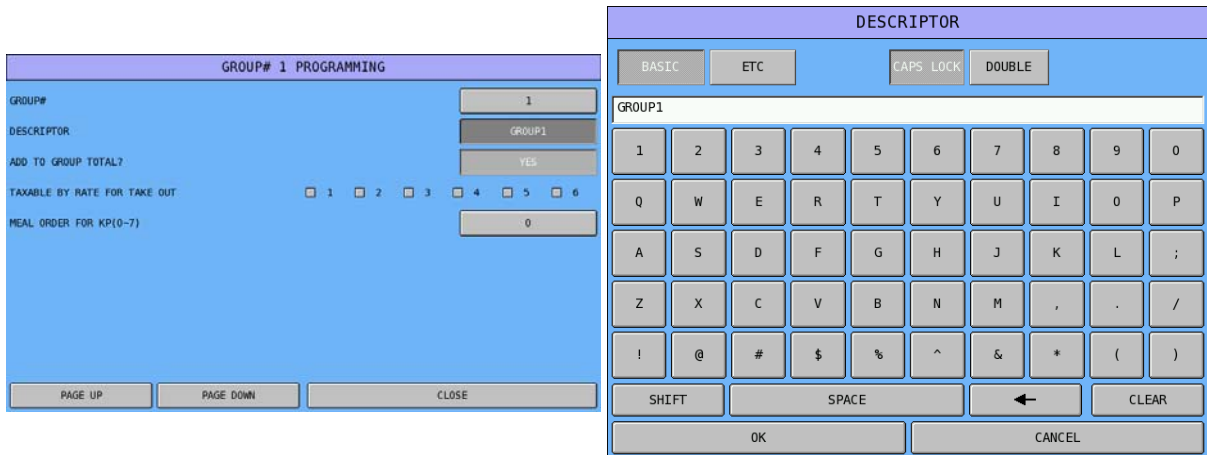
☞ Tap **GROUP** button on **P-Mode** screen, and **GROUP# 1 PROGRAMMING** screen will pop-up.



☞ Tap **PAGE UP** or **PAGE DOWN** button to browse through Groups to find the one you are looking for, or tap on Group number button of **GROUP#**, then enter Group number through popped-up **GROUP#** numeric pad. Tap **OK** to confirm, **CANCEL** to discard.



Tap on Group name button of **DESCRIPTOR**, then enter Group name you prefer through popped-up **DESCRIPTOR** window. Tap **OK** to confirm, **CANCEL** to discard.



Group Definitions

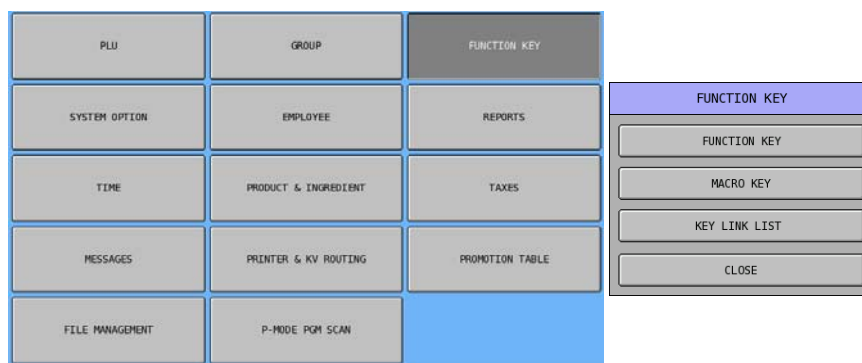
Tab	#	Item
		<p>ADD TO GROUP TOTAL? This determines if the total sales for this category are to be included in the total of all group sales on the read and reset analysis reports. As one PLU can be assigned to up to three groups, this requires that only one of the three group links that a PLU is linked to is included in the group totals otherwise the figures will be inaccurate. Default : YES (NO)</p>
		<p>TAXABLE BY RATE FOR TAKE OUT (DESTINATION 2) If this option is set when the TAKE OUT (DESTINATION 2) function key is used in REG-Mode, the taxable status of the item no longer follows the normal PLU tax rate, but is taxed at the rate programmed to this field. Default : <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 [All un-ticked]</p>
		<p>MEAL ORDER FOR KP(0~7) In restaurant environment, Group or Groups can be assigned with Meal Order number according to the serving order. On SPS-500, the number starts with 1, 2 and 3 respectively. <i>For example, 1 could represent Entry, 2 for Main, 3 for Dessert.</i> This feature is used in conjunction with PRINT function key (key code #190). Option AUTOMATICALLY PRINT MEAL ORDERLY in PRINT function key must set to YES. Default : 0 [Not use Meal Order feature] (0 ~ 7)</p>

Function Key

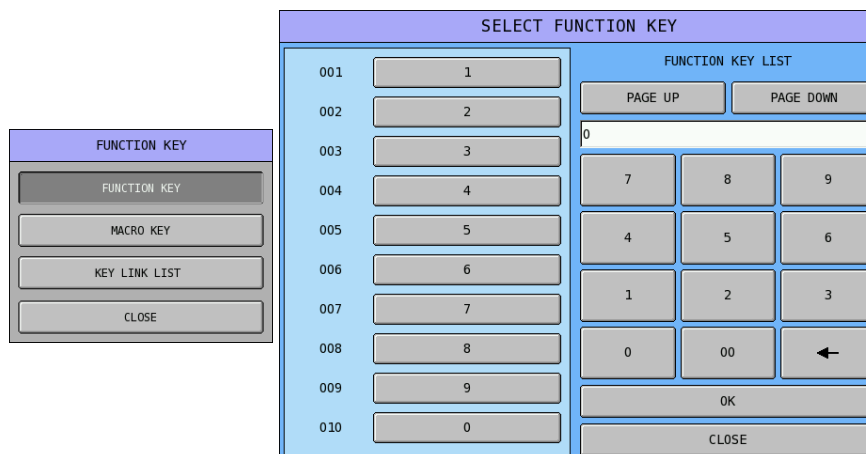
On SPS-500, all function keys have been arranged into three groups - **FUNCTION KEY**, **MACRO KEY**, **KEY LINK (Screen) LIST**. Function Key options vary by key; Macro Key is mainly to program multiple keys (buttons, up to 50 steps) sequence to reduce key (button) pressing; Key Link (Screen) List is only about Key Link (Screen) name changing.

NOTE: Although each 16 character function key descriptor is set here, if a function key appears on the financial or employee report, the descriptor that prints on the report are set separately. See **P-Mode, MESSAGES → REPORT DESCRIPTORS → FINANCIAL REPORT** and **EMPLOYEE REPORT** for detail. Also, see **P-Mode, SYSTEM OPTION → REPORT PRINTING OPTIONS** to determine which descriptors are used on reports.

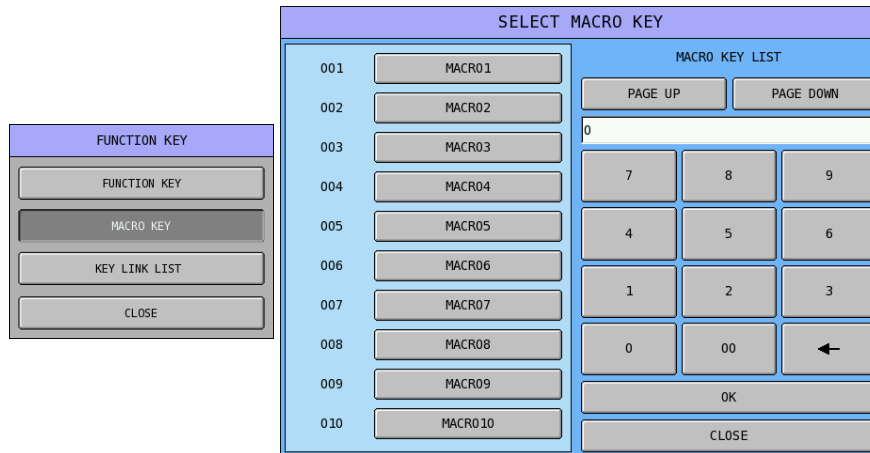
Tap **FUNCTION KEY** button on **P-Mode** screen, and **FUNCTION KEY** window will pop-up. Tap **CLOSE** to exit or select the type of Function key you want to program.



Tap **FUNCTION KEY** button on **FUNCTION KEY** window, **SELECT FUNCTION KEY** window will pop-up. Tap **PAGE UP** or **PAGE DOWN** button to browse through list, or enter function key code on numeric pad, tap **OK** to go to the function key immediately, or tap **CANCEL** to discard.



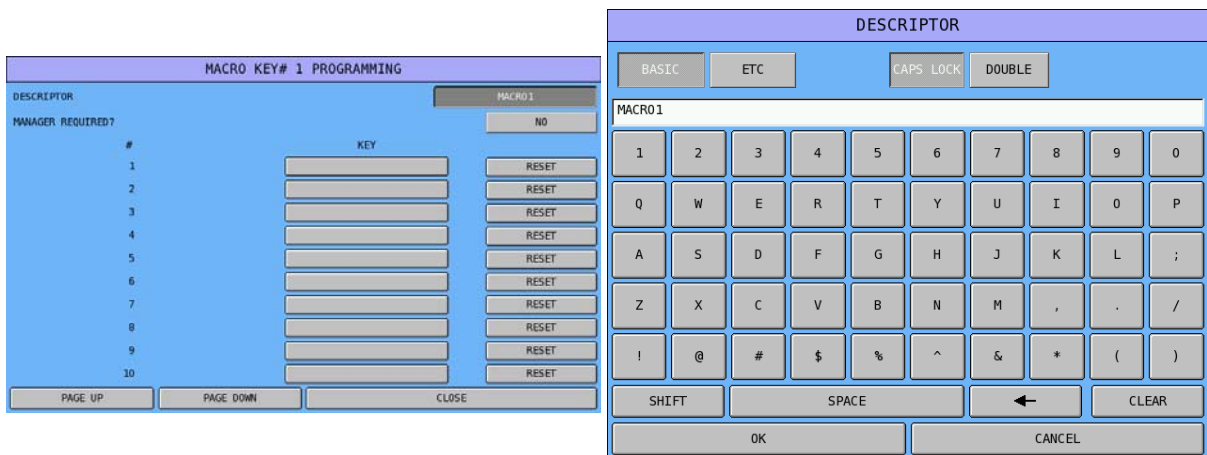
Tap **MACRO KEY** button on **FUNCTION KEY** window, **SELECT MACRO KEY** window will pop-up. Tap **PAGE UP** or **PAGE DOWN** button to browse through list, or enter Macro key code on numeric pad, tap **OK** to go to the Macro key immediately, or tap **CANCEL** to discard.



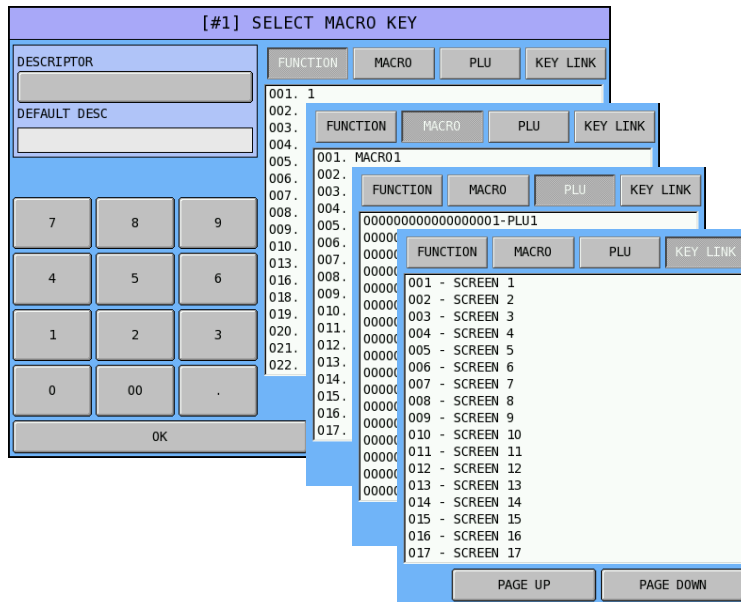
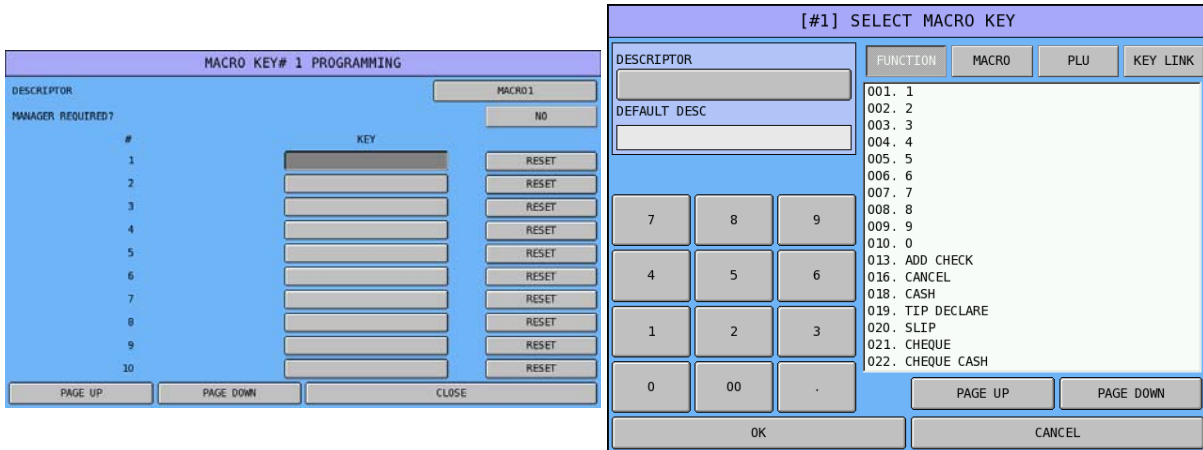
Tap the **MACRO** key you want to program from the list, then **MACRO KEY# ## PROGRAMMING** screen will pop-up. Tap **PAGE UP** or **PAGE DOWN** button to program up to **50** key strokes (PAGE UP and PAGE DOWN buttons here will **NOT** jump to next **MACRO** function key.), or **CLOSE** to exit.



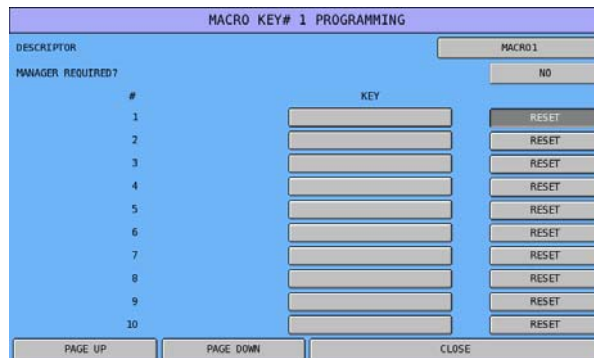
Tap **MACRO#** button of **DESCRIPTOR**, then **DESCRIPTOR** window will pop-up for **MACRO#** descriptor programming. Tap **OK** to confirm or **CANCEL** to exit.



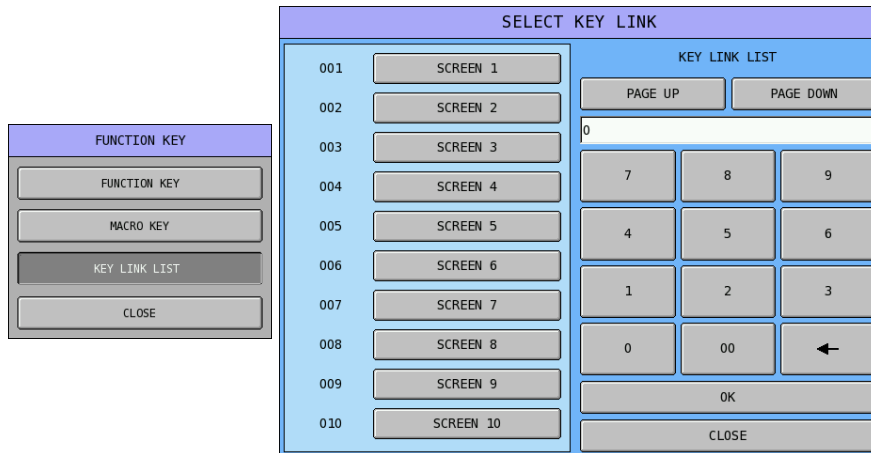
Tap **blank** button of 1 (step 1) to program the first button, then [#1] **SELECT MACRO KEY** window will pop-up. Select between Function Key, MACRO, PLU, and Key Link by tapping **FUNCTION**, **MACRO**, **PLU** or **KEY LINK** tab then select a key. Use numeric pad to enter numbers. After button is selected, tap **Ok** button to go to the second button, tap **CANCEL** to exit or finalise when finish.



When a key needs to be removed from the **MACRO**, tap **RESET** button of the key, the key sequence will then be removed and become "**blank**".



Tap **KEY LINK LIST** button on **FUNCTION KEY** window, **SELECT KEY LINK** window will pop-up. Tap **PAGE UP** or **PAGE DOWN** button to browse through list, or enter key link code on numeric pad, tap **OK** to go to the key link immediately, or tap **CANCEL** to discard.



Function Key List and Definitions

Code	Function Key Name	Descriptor	Manager Required	HALO (RATE)	Compulsory Validation	Additional Settings
1 ~ 9	1 ~ 9	✓				
10	0	✓				
11	00	△				
12	000	△				
13	ADD CHECK	✓	✓			
14	BACK SPACE	△				
15	BOLD	△				
16	CANCEL	✓	✓	✓	✓	✓
17	CAPS	△				
18	CASH	✓		✓	✓	✓
19	TIP DECLARE	✓	✓		✓	
20	SLIP	✓				✓
21	CHEQUE	✓		✓	✓	✓
22	CHEQUE CASH	✓	✓	✓	✓	✓
23	CHK ENDORSE	✓				✓
24	CLEAR	✓				
25	CONTINUE	✓				
26 ~ 30	CURR.CONV 1~5	✓		✓		✓
31	Reserved	✓				
32	CASH OUT	✓				✓
33	TABLE DSP	✓				
34	SEND SUMMA	✓	✓			
35	•	✓				
36	REPORT	✓				
37	DONE	✓				
38	Reserved	✓				
39	Reserved	✓				
40	EMPLOYEE	✓				
41 ~ 50	EMPLOYEE 1 ~ 10	✓				
51	Reserved	✓				
52	ERR.CORR.	✓	✓	✓	✓	
53	FD/S SHIFT	✓				
54	FD/S SUBTL	✓				
55	FD/S TEND	✓		✓		✓
56	GUEST #	✓				✓
57	HOLD	✓	✓			
58	INACTIVE	✓				
59 ~ 63	KEYBD LVL 1 ~ 5	✓	✓			
64 ~ 67	LIST CHECK 1 ~ 4	✓	✓			

Code	Function Key Name	Descriptor	Manager Required	HALO (RATE)	Compulsory Validation	Additional Settings
68	CUSTOMER ID	✓				
69	DELIVERY	✓				
70	PARK DELIVERY	✓				
71	SERV DELIVERY	✓				
72	DELIVERY LIST	✓				
73 ~ 75	Reserved	△				
76	CLOSE ACCOUNT	✓				✓
77	DATATRAN	✓				
78	STRING REPORT	✓				
79	NEXT DOLLAR	✓				
80	SHIFT CHANGE	✓				
81 ~ 89	Reserved	✓				
90	ENTER	✓				
91	CURSOR DOWN	✓				
92	CURSOR UP	✓				
93	CURSOR LEFT	✓				
94	CURSOR RIGHT	✓				
95	PAGE DOWN	✓				
96	PAGE UP	✓				
97	NEXT RECORD	✓				
98	PREV.RECORD	✓				
99	Reserved	✓				
100	Reserved	✓				
101 ~ 110	DESTINATION 1 ~ 10	✓			✓	✓
111 ~ 114	Reserved	✓				
115	MACRO PAUSE	✓				
116	MACRO SET	✓				
117	MACRO #	✓				
118	MDSE RETURN	✓	✓	✓	✓	✓
119 ~ 134	MISC TEND 1 ~ 16	✓		✓	✓	✓
135	MISC TEND #	✓				
136 ~ 145	MODIFIER 1 ~ 10	✓	✓			✓
146	Reserved	△				
147	NON-ADD#	✓		✓		✓
147	NOSALE	✓	✓		✓	✓
148	P/BAL	✓				✓

Code	Function Key Name	Descriptor	Manager Required	HALO (RATE)	Compulsory Validation	Additional Settings
149 ~ 150	Reserved	△				
151 ~ 155	PAID OUT 1 ~ 5	✓	✓	✓	✓	
156	PAID RECALL	✓	✓			✓
157 ~ 166	% 1 ~ 10	✓	✓	✓	✓	✓
167	PLU	✓				
168	PREV.RECORD	△				
169	PRICE INQ	✓	✓			✓
170 ~ 189	PRICE LVL 1 ~ 20	✓	✓			✓
190	PRINT	✓				✓
191	PRINT CHECK	✓				✓
192	PRINT HOLD	✓	✓			
193	PROMO	✓	✓			
194	Reserved	△				
195	QUIT	✓				
196	RCPT ON/OFF	✓				
197 ~ 200	RECALL CHK 1 ~ 4	✓	✓			✓
201 ~ 205	RECD ACCT 1 ~ 5	✓	✓	✓	✓	
206	RECEIPT	✓				✓
207	REPEAT	✓	✓			
208	SCALE	✓	✓			✓
209	SEAT #	✓	✓			✓
210	Reserved	△				
211	SPLIT ITEM	✓	✓			
212	SPLIT PAY	✓	✓			
213	STOCK INQ	✓	✓			✓
214 ~ 217	STORE CHK 1 ~ 4	✓	✓	✓	✓	✓
218	SUBTOTAL	✓				
219 ~ 222	TABLE 1 ~ 4	✓				
223	Reserved	✓				
224	TAX EXEMPT	✓		✓	✓	✓
225 ~ 230	TAX SHIFT 1 ~ 6	✓				
231	CLK IN/OUT	✓	✓		✓	

Code	Function Key Name	Descriptor	Manager Required	HALO (RATE)	Compulsory Validation	Additional Settings
232 ~ 234	TIP 1 ~ 3	✓		✓		✓
235 ~ 238	TRANS CHK 1 ~ 4	✓	✓			
239	TRAY SUBTL	✓	✓		✓	✓
240	VALID	✓				
241	VOID ITEM	✓	✓	✓	✓	
242	WASTE	✓	✓		✓	✓
243	FUNC.LIST#	✓				
244	X/TIME	✓				✓
245	Reserved	△				
246	PARK ORDER	✓	✓			
247	SERVE ORDER	✓	✓			
248	KP ROUTING	✓	✓			✓
249	SPLIT CHECK	✓				
250	ALPHA TEXT	✓				✓
251 ~ 254	NEW CHECK 1 ~ 4	✓				
255	NOT FOUND PLU	△				
256	PRICE CHG	✓	✓			✓
257	CASH W/DRAW	✓	✓	✓	✓	
258 ~ 267	Reserved	△				
268	PREV LIST	✓				
269	NEXT LIST	✓				
270	Reserved	✓				
271	Reserved	✓				
270 ~ 400	Reserved	◇				
401 ~ 499	MACRO 1 ~ 99	◇				◇
500 ~ 600	Reserved	◇				
601	SCREEN1	○				
602	SCREEN2	○				
603 ~ 800	SCREEN 3 ~ 200	○				
801	KEY LINK199	○				
802	KEY LINK200	○				
803 ~ 810		◇				

NOTES:

- △ : This function key can only be found in SHC PC Utility for SPS-500 Function key list.
- ◇ : These function keys can not be found on SPS-500(530) function key list as listed elsewhere on the till or not available.
- : These function keys can not be found on SPS-500(530) function key list as listed differently before programs are UpLoaded; 601 - "Manager Screen"; 602 - "Payment"; 603 ~ 800 - "SPS-2000 Key Link names"; 801 & 802 - Not changing.

1 ~ 9 - (numeric) 1 ~ 9

Use for numeric entries.

Tab	#	Item
		DESCRIPTOR Default : 1 ~ 9

10 - (numeric) 0

Use for numeric entries.

Tab	#	Item
		DESCRIPTOR Default : 0

11 - (numeric) 00

Use for numeric entries. Only accessible via PC Utility then program the descriptor.

12 - (numeric) 000

Use for numeric entries. Only accessible via PC Utility then program the descriptor.

13 - ADD CHECK

Use to add multiple guest checks (tracking balances or soft checks) for payment together. See "TRAY SUBTL" to add separate transactions when you are not tracking balances.

Tab	#	Item
		DESCRIPTOR Default : ADD CHECK
		MANAGER REQUIRED? This forces sign on of a management user Default : NO (YES)

14 - BACK SPACE

Use for description programming. Only accessible via PC Utility then program the descriptor.

15 - BOLD

Use for description programming. Only accessible via PC Utility then program the descriptor.

16 - CANCEL

Use to abort a transaction in progress. All current items are removed (voided).

Tab	#	Item
		DESCRIPTOR Default : CANCEL
		HALO (0:NO LINIT) This is the maximum amount for this key Default : 00000.00 [No Limit] (00000.00 ~ 99999.99)
		MANAGER REQUIRED? This forces sign on of a management user Default : NO (YES)
		COMPULSORY VALIDATION? This forces validation if a cancel is carried out (only on printer models with a validation option) Default : NO (YES)
		PRINT RECEIPT? This controls whether cancelled transactions will be printed. Default : YES (NO)

17 - CAPS

Use for description programming. Only accessible via PC Utility then program the descriptor.

18 - CASH

Use to finalize or tender cash sales. Change is computed when the amount of cash tendered is greater than the amount of the sale.

Tab	#	Item
Option#1		DESCRIPTOR Default : CASH
		HALO (0:NO LINIT) This is the maximum amount for this key Default : 00000.00 [No Limit] (00000.00 ~ 99999.99)
		EXEMPT TAX This allows each tax rate to be excluded from the sale calculation Default : <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 [All un-ticked]
		OPEN DRAWER? This controls whether the cash drawer will open Default : YES (NO)
		COMPULSORY VALIDATION? This forces validation if a cancel is carried out (only on printer models with a validation option) Default : NO (YES)
		AMOUNT TENDE COMPULSORY? This forces the entry of moneys given for change Default : NO (YES)
		DISABLE UNDER TENDERING? This prohibits partial tender i.e. Value lower than sale Default : NO (YES)
		MANAGER REQ. FOR UNDER TENDERING This forces the user of a Manager to sign on for partial tender Default : NO (YES)
		ENABLE SMART CARD SALE? Used for UK Loyalty System. Not applicable in AU/NZ. Default : NO (YES)
Option#2		COIN CHANGER PORT# (0-64) Mainly for the US market this allows an automated coin changer Default : 0 (0 ~ 4)
		PRINT SIGNATURE? A line for customer signature can be printed Default : NO (YES)
		PRINT CARD DETAIL? Used for UK Loyalty System. Not applicable in AU/NZ. Default : NO (YES)
		ENABLE PAY BY POINTS? Used for UK Loyalty System. Not applicable in AU/NZ. Default : NO (YES)

19 - TIP DECLARE

Use to declare employee tips if you are not using the employee time keeping feature. *(If you are using employee time keeping, you are prompted to declare tips when clocking out.)*

Tab	#	Item
Option#1		DESCRIPTOR Default : TIP DECLARE
		MANAGER REQUIRED? This forces sign on of a management user Default : NO (YES)
		COMPULSORY VALIDATION? This forces validation if a cancel is carried out (only on printer models with a validation option) Default : NO (YES)

20 - SLIP

Use to print guest check bills to a slip printer.

Tab	#	Item
		DESCRIPTOR Default : SLIP
		PRINT CHECK ON PRINTER # (0-40) This determines which printer from the systems printer list will be used for bills. <i>Printer #0 is default for internal receipt printer</i> Default : 00 [0 - No Printer Assigned] (0 ~ 40)
		SLIP AUTOMATICALLY SERVICE CHECK? This will automatically close the check after printing? Default : NO (YES)
		PRINT CONSEC# ON GUEST CHECK? Default : NO (YES)

21 - CHEQUE / CHECK

Use to finalise or tender check sales. Change is computed when the amount of the check tendered is greater than the amount of the sale.

Tab	#	Item
Option#1		DESCRIPTOR Default : CHEQUE
		HALO (0:NO LINIT) This is the maximum amount for this key Default : 00000.00 [No Limit] (00000.00 ~ 99999.99)
		EXEMPT TAX This allows each tax rate to be excluded from the sale calculation Default : <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 [All un-ticked]
		OPEN DRAWER? This controls whether the cash drawer will open Default : YES (NO)
		COMPULSORY VALIDATION? This forces validation if a cancel is carried out (only on printer models with a validation option) Default : NO (YES)
		COMPULSORY CHEQUE ENDORSEMENT? This forces endorsement printing onto a check (only on printer models with a validation option) Default : NO (YES)
		AMOUNT TENDE COMPULSORY? This forces the entry of moneys given for change Default : NO (YES)
		DISABLE UNDER TENDERING? This prohibits partial tender i.e. Value lower than sale Default : NO (YES)
		MANAGER REQ. FOR UNDER TENDERING This forces the user of a Manager to sign on for partial tender Default : NO (YES)
	Option#2	
		HALO : CHANGE / TENDER The maximum value can apply either to the sale amount tendered or to the change given Default : TENDER (CASH)
		ENABLE SMART CARD SALE? Used for UK Loyalty System. Not applicable in AU/NZ. Default : NO (YES)
		PRINT SIGNATURE? A line for customer signature can be printed Default : NO (YES)
		PRINT CARD DETAIL? Used for UK Loyalty System. Not applicable in AU/NZ. Default : NO (YES)
		COIN CHANGER PORT# (0-64) Mainly for the US market this allows an automated coin changer Default : 0 (0 ~ 4)

Tab	#	Item
		ENABLE PAY BY POINTS? Used for UK Loyalty System. Not applicable in AU/NZ. Default : NO (YES)

22 - CHEQUE CASH

Use to exchange a cheque/check for cash outside of a sale.

Tab	#	Item
OPTION#1		DESCRIPTOR Default : CHEQUE CASH
		HALO (0:NO LINIT) This is the maximum amount for this key Default : 00000.00 [No Limit] (00000.00 ~ 99999.99)
		MANAGER REQUIRED? This forces sign on of a management user Default : NO (YES)
		MANAGER REQUIRED FOR HALO OVERRIDE? This forces the use of a management user to override the maximum value Default : NO (YES)
		COMPULSORY VALIDATION? This forces validation if a cancel is carried out (only on printer models with a validation option) Default : NO (YES)

23 - CHK ENDORSE (Cheque/Check Endorsement)

If compulsory cheque/check endorsement is set with the **CHEQUE** key, use the **CHK ENDORSE** key to print the endorsement message after a cheque/check is inserted into the appropriate printer.

Tab	#	Item
		DESCRIPTOR Default : CHK ENDORSE
		PRINTING PORT# This is the physical port that the printer is connected Default : 0 [0 = No port assigned, tap then select from the list]

24 - CLEAR

Use to clear numeric entries or error conditions.

Tab	#	Item
		DESCRIPTOR Default : CLEAR

25 - CONTINUE

Use to override the pop-up employee function after a transaction. Allows the employee to post an additional transaction without signing on again.

Tab	#	Item
		DESCRIPTOR Default : CONTINUE

26 ~ 30 - CURR.CONV 1 ~ 5 (Currency Conversion)

Use to convert and display the value of the transaction in foreign currency. Only cash tender is allowed after using a **CURR.CONV#** key. Change is calculated and issued in home currency.

Tab	#	Item
	1	DESCRIPTOR Default : CURR.CONV1 ~ 5
	2	RATE This is the current exchange rate “enter rate without decimal point”,. This setting cooperates with “CURRENCY RATE DECIMAL POSITION (0-6)” below. Default : 00000000
	3	CHANGE IN FOREIGN CURRENCY This determines whether change is given in the local currency or in the same currency by as the sale was paid. Default : NO (YES)
	4	LINKED DRAWER #-(0-2) PORT Default : NO DRAWER [Tap then select from the list]
	5	CURRENCY RATE DECIMAL POSITION (0-6) As the rate is normally having many digits after decimal point, this allows setting the correct position for decimal point. This setting cooperates with “RATE” above. Default : 0 (0 ~ 6)

31 - Reserved

Tab	#	Item
		DESCRIPTOR Default : RESERVED

32 - CASH OUT

Use to allow cash out function when EFTPOS terminal is connected and activated. 0(zero) amount cash out will generate a sequence error. This function only allows within a sale.

Tab	#	Item
		DESCRIPTOR Default : CASH OUT
		CONNECT TO EFT This option allows performing cash out outside a transaction if needed when set to YES. Default : NO (YES)

33 - TABLE DSP (Table Display)

Use to display the table map.

Tab	#	Item
		DESCRIPTOR Default : TABLE DSP

34 - SEND SUMMA

A feature used to use in New Zealand. This function will send reports in the format that can be interpreted by Summa Server.

Tab	#	Item
		DESCRIPTOR Default : SEND SUMMA
		MANAGER REQUIRED? This forces sign on of a management user Default : NO (YES)

35 - • (Decimal)

Use for numeric entries.

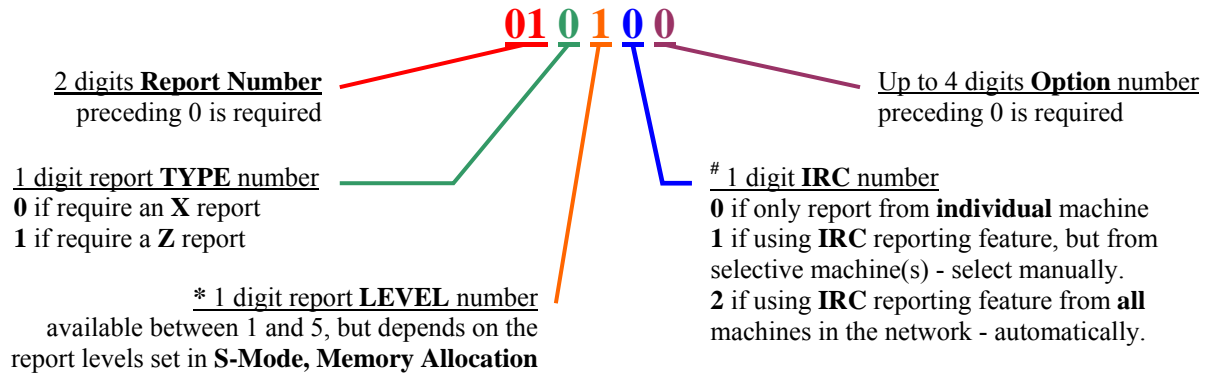
Tab	#	Item
		DESCRIPTOR Default : •

36 - REPORT

Use to print reports from the **REG-Mode**. Reports are generated by first entering the report code, then press/tap the **REPORT** key. i.e.: [Report Code] [**REPORT**].

Tab	#	Item
		DESCRIPTOR Default : REPORT

The **Report Code** structure is:



Report and Code Available List

No.	Report	Report Number	X/Z Type	Report Level*	IRC	Option
1	Financial	01	0 / 1	1 ~ 5	0 / 1 / 2	0
2	Sales by Time Period	02	0 / 1	1 ~ 5	0 / 1 / 2	0
3	All PLU's (transacted)	03	0 / 1	1 ~ 5	0 / 1 / 2	0
4	n/a					
5	PLU's by Group (transacted)	05	0 / 1	1 ~ 5	0 / 1 / 2	0
6	PLU's by Group for Selected Group	06	0 / 1	1 ~ 5	0 / 1 / 2	Group number (2 digits) 00 ~ 99
7	Top 20 PLU's	07	1	1 ~ 5	0 / 1 / 2	0
8	PLU Zero Sales (i.e. PLUs not sold)	08	1	1 ~ 5	0 / 1 / 2	0
9	PLU Zero Sales by Group	09	1	1 ~ 5	0 / 1 / 2	0
10	PLU Sales by Price Level	10	0 / 1	1 ~ 5	0 / 1 / 2	0
11	Mix and Match report	11	0 / 1	1 ~ 5	0 / 1 / 2	0
12	Not Found	12	0 / 1	1	0	0
13	Employees (with transactions)	13	0 / 1	1 ~ 5	0 / 1 / 2	0
14	Individual Employees	14	0 / 1	1 ~ 5	0 / 1 / 2	Employee number (3 digits) 000 ~ 999
15	Employee Currently Signed on	15	0 / 1	1 ~ 5	0	0
16	Groups by Employee	16	0 / 1	1 ~ 5	0 / 1 / 2	0
17	Groups (transacted)	17	0 / 1	1 ~ 5	0 / 1 / 2	0
18	From/To Groups	18	0 / 1	1 ~ 5	0 / 1 / 2	From + To Group number (4 digits) 0102 ((from) 01 (to) 02)
19	Selective Groups	19	0 / 1	1 ~ 5	0 / 1 / 2	Group number (2 digits) 00 ~ 99
20	Drawer Totals	20	1	1 ~ 5	0 / 1 / 2	0
21	Drawer 1/2/3	21	1	1 ~ 5	0 / 1 / 2	0

No.	Report	Report Number	X/Z Type	Report Level*	IRC	Option
22	Labour Groups	22	0 / 1	1 ~ 5	1 / 2	0
23	Sales & Labour %	23	0 / 1	1 / 2	1 / 2	0
24	Daily Sales	24	0 / 1	1	0 / 1 / 2	0
25	Groups By Time Period	25	0 / 1	1 ~ 5	0 / 1 / 2	0
26	Analysis 1 By Time Period	26	0 / 1	1 ~ 5	0 / 1 / 2	0
27	Analysis 2 By Time Period	27	0 / 1	1 ~ 5	0 / 1 / 2	0
28	Analysis 3 By Time Period	28	0 / 1	1 ~ 5	0 / 1 / 2	0
29	Track 1 By Time Period	29	0 / 1	1 ~ 5	0 / 1 / 2	0
30	Track 2 By Time Period	30	0 / 1	1 ~ 5	0 / 1 / 2	0
31	Track 3 By Time Period	31	0 / 1	1 ~ 5	0 / 1 / 2	0
32	Track 4 By Time Period	32	0 / 1	1 ~ 5	0 / 1 / 2	0
33	Checks for Track 1	33	0 / 1	1	1 [#]	0
34	Checks for Track 2	34	0 / 1	1	1 [#]	0
35	Checks for Track 3	35	0 / 1	1	1 [#]	0
36	Checks for Track 4	36	0 / 1	1	1 [#]	0
37	Checks for Selected Employee	37	0 / 1	1	1 [#]	0
38	Checks for Current Employee	38	0 / 1	1	1 [#]	0
39	Checks for Track 1,2,3,4	39	0 / 1	1	1 [#]	0
40	Product Mix	40	0 / 1	1 / 2	0 / 1 / 2	0
41	Product Projections	41	1	1	0 / 1 / 2	Week data (1 digit) 1 ~ 7
42	Station Totals	42	1	1	1 / 2	0
43	Active Employees - time keeping	43	1	1	1 / 2	0
44	Daily Time Keeping	44	0 / 1	1 ~ 5	1 / 2	0
45	Shift Reporting	45	0 / 1	1	0 / 1 / 2	Shift number (1 digit) 1 ~ 4
46	Inventory	46	0 / 1	1	1 / 2	0
47	PLU Stock	47	0 / 1	1	0 / 1 / 2	0
48	n/a					
49	Stock by Group	49	0 / 1	1	0 / 1 / 2	0
50	Stock by Individual Group	50	0 / 1	1	0 / 1 / 2	Group number (2 digits) 00 ~ 99
51	Food Cost	51	0 / 1	1	1 / 2	0
52	PLU Minimum Stock	52	0 / 1	1	0 / 1 / 2	0
53	n/a					
54	String Report 1 - as defined by program	54	0 / 1	1 ~ 5	0 / 1 / 2	0
55	String Report 2 - as defined by program	55	0 / 1	1 ~ 5	0 / 1 / 2	0
56	String Report 3 - as defined by program	56	0 / 1	1 ~ 5	0 / 1 / 2	0
57	String Report 4 - as defined by program	57	0 / 1	1 ~ 5	0 / 1 / 2	0
58	Custom Report	58	0 / 1	1	0	0
59	Pre-Poll Report - Hard Copy Print Out	59	0 / 1	1	0 / 1 / 2	0
60	n/a					
61	Clocked in employees	61	1	1	0 / 1 / 2	0

37 - DONE

Use to exit a screen and return to the main screen.

Please see *S-Mode*, KEY FUNCTION → SCREEN DESIGNER → PGM (tab) → (List Program Section with screens other than 0.MAIN SCREEN) → ALLOW EXIT FROM TABLE WITH DONE? for related setting.

Please see *PGM-Mode*, SYSTEM OPTION → LEVEL / MODIFIER OPTIONS → OPTION#1 → 6. EXIT TO MAIN SCREEN AT DONE KEY ONCE for related setting.

Tab	#	Item
		DESCRIPTOR Default : DONE

38 ~ 39 - Reserved

Tab	#	Item
		DESCRIPTOR Default : RESERVED

40 - EMPLOYEE

Use to sign on a cashier, clerk, server or employee.

Tab	#	Item
		DESCRIPTOR Default : EMPLOYEE

41 ~ 50 - EMPLOYEE 1 ~ 10

Use to sign on a specific employee without entering a code.

Please see *PGM-Mode*, SYSTEM OPTION → GENERAL FUNCTION OPTIONS → OPTION#3 → 20. EMPLOYEE SIGN-ON for related setting.

Also, *PGM-Mode*, SYSTEM OPTION → GENERAL FUNCTION OPTIONS → OPTION#8 → 69. AUTOMATIC SIGN ON, 70. AUTOMATIC SIGN OFF TIME (MINUTE), and 71. AUTOMATIC SCREEN CLEAR TIME (SECOND) for related settings.

Please see *PGM-Mode*, SYSTEM OPTION → REPORT OPTIONS → OPTION#3 → 12. RESET AFTER FINANCIAL Z REPORT: → EMPLOYEE KEY LINK for related settings.

More options in *PGM-Mode*, EMPLOYEE.

Tab	#	Item
		DESCRIPTOR Default : EMPLOYEE 1 ~ 10

51 - Reserved

Tab	#	Item
		DESCRIPTOR Default : RESERVED

52 - ERR.CORR. (Error Correction)

Use to void the last registered item on the list.

Tab	#	Item
		DESCRIPTOR Default : ERR.CORR.
		HALO (0:NO LINIT) This is the maximum amount for this key Default : 00000.00 [No Limit] (00000.00 ~ 99999.99)
		MANAGER REQUIRED? This forces sign on of a management user Default : NO (YES)
		COMPULSORY VALIDATION? This forces validation if a cancel is carried out (only on printer models with a validation option) Default : NO (YES)

53 - FD/S SHIFT (Food Stamp Shift)

Use to shift the pre-programmed food stamp status of an item prior to its registration.

Tab	#	Item
		DESCRIPTOR Default : FD/S SHIFT

54 - FD/S SUBTL (Food Stamp Subtotal)

Use to display the total of food stamp eligible items registered in the current transaction.

Tab	#	Item
		DESCRIPTOR Default : FD/S SUBTL

55 - FD/S TEND (Food Stamp Tender)

Use to tender Food Stamps after the display of the food stamp eligible subtotal. Depending upon function key programming, change less than \$1 may be applied to any cash balance or issued as cash change.

Tab	#	Item
		DESCRIPTOR Default : FD/S TEND
		HALO (0:NO LINIT) This is the maximum amount for this key Default : 00000.00 [No Limit] (00000.00 ~ 99999.99)
		EXEMPT TAX This allows each tax rate to be excluded from the sale calculation Default : <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 [All un-ticked]
		OPEN DRAWER? This controls whether the cash drawer will open Default : YES (NO)
		ALLOW DECIMAL ENTRY? This allows decimal as well as integer values Default : NO (YES)
		FOOD STAMP CHANGE: CASH / FOOD STAMP Change can be given either in cash or in stamps Default : FOOD STAMP (CASH)

56 - GUEST # (Guest Number)

Use to record the number of guests served by a transaction. The entry may be compulsory. The entry appears on receipts and the KP/KV.

Tab	#	Item
		DESCRIPTOR Default : GUEST #
		COMPULSORY AFTER BEGINNING OF CHECK? This forces guest entry when a check is opened Default : NO (YES)
		COMPULSORY FOR ALL SALES? This forces guest entry at all times Default : NO (YES)
		PRINT ON KP (Kitchen Printer)? This prints the number of guests on kitchen order Default : NO (YES)
		PRINT ON RECEIPT? This prints the number of guests on the receipt Default : NO (YES)

57 - HOLD

Use to identify an individual item or an entire transaction, so that the designated items will not print/display at the KP/KV at the current finalisation. Items designated as "hold" items will display on the screen with an "H". *Cooperate with PRINT HOLD, RECALL CHECK (1 ~ 4) and STORE CHECK (1 ~ 4).*

Tab	#	Item
		DESCRIPTOR Default : HOLD
		MANAGER REQUIRED? This forces sign on of a management user Default : NO (YES)

58 - INACTIVE

Use to define an inactive key location.

Tab	#	Item
		DESCRIPTOR Default : INACTIVE

59 ~ 63 - KEYBD LVL 1 ~ 5 (Keyboard Level 1 ~ 5)

Use to select one of the five keyboard levels. Menu levels can be automatically changed at specific times, on specific days.

Tab	#	Item
		DESCRIPTOR Default : KEYBD LVL1 ~ 5
		MANAGER REQUIRED? This forces sign on of a management user Default : NO (YES)

64 ~ 67 - LIST CHECK 1 ~ 4

Use to display a list of all opening soft checks in the file.

Tab	#	Item
		DESCRIPTOR Default : LIST CHECK 1 ~ 4
		MANAGER REQUIRED? This forces sign on of a management user Default : NO (YES)

68 - CUSTOMER ID

Tab	#	Item
		DESCRIPTOR Default : CUSTOMER ID

69 - DELIVERY

Use to initiate a delivery transaction. It opens the customer record screen. All existing accounts can be opened, new accounts created, or existing accounts deleted.

Tab	#	Item
		DESCRIPTOR Default : DELIVERY

70 - PARK DELIVERY

Use to accept orders and hold them for preparation then deliver at a later time.

Tab	#	Item
		DESCRIPTOR Default : PARK DELIVERY

71 - SERV DELIVERY (Serving (Parked) Delivery)

Use to release held/parked orders for preparation.

Tab	#	Item
		DESCRIPTOR Default : SERV DELIVERY

72 - DELIVERY LIST

Use to display a list of open delivery check numbers, with name, time and status. Select one order from the list, you can release a parked order for preparation.

Tab	#	Item
		DESCRIPTOR Default : DELIVERY LIST

For those function keys - **DELIVERY**, **PARK DELIVERY**, **SERV DELIVERY** and **DELIVERY LIST** to work, please make sure the following options have been set.

S-Mode, *MEMORY ALLOCATION* → *OPTION#6* → 35. *DELIVERY TABLE(0-9999)* and *S-Mode*, *SYSTEM OPTIONS* → *OPTION#3* → 17. *TRACK# HOLDS DELIVERY TABLE*. When *S-Mode*, *MEMORY ALLOCATION* → *OPTION#1* → 8. *CHECK TRACKING METHOD* is **SOFT** along with *CHECK TRACKING* system, this delivery system will work as it designed for pizza restaurant. When 8. *CHECK TRACKING METHOD* is **HARD**, this Delivery system will work as **Lay Buy** for department store.

73 ~ 75 - Reserved

Use for description programming. Only accessible via PC Utility then program the descriptor.

76 - CLOSE ACCOUNT

Tab	#	Item
		DESCRIPTOR Default : CLOSE ACCOUNT
		REQUIRED TO CLOSE CHECK Default : NO (YES)

77 - DATATRAN

Use to display the Datatran menu in **REG-Mode**, including Open Batch, Close Current Batch, Close Batch with Debit, Gratuity, and Get Gift Card Balance functions.

Tab	#	Item
		DESCRIPTOR Default : DATATRAN

78 - STRING REPORT

Use to execute string report in **REG-Mode**. Enter number of string report to execute. Manager password may be required.

Tab	#	Item
		DESCRIPTOR Default : STRING REPORT

79 - NEXT DOLLAR

Use to tender an amount the next whole dollar above the sale total. *For example, if the sale total were \$2.52, then the NEXT DOLLAR key would automatically tender \$3.00.*

Tab	#	Item
		DESCRIPTOR Default : NEXT DOLLAR

80 - SHIFT CHANGE

Use to manually change the shift. *Enter the shift number and tap/press SHIFT CHANGE.*

Tab	#	Item
		DESCRIPTOR Default : SHIFT CHANGE

81 ~ 89 - Reserved

Tab	#	Item
		DESCRIPTOR Default : RESERVED

90 - ENTER

Use to confirm the data placed into a field with the cursor remaining in the field.

Tab	#	Item
		DESCRIPTOR Default : ENTER

91 - CURSOR DOWN

Use in **REG-Mode** to cursor down to an item displayed in the transaction area of the screen.

Tab	#	Item
		DESCRIPTOR Default : CURSOR DOWN

92 - CURSOR UP

Use in **REG-Mode** to cursor up to an item displayed in the transaction area of the screen.

Tab	#	Item
		DESCRIPTOR Default : CURSOR UP

93 - CURSOR LEFT

Use to relocate the position of the cursor on the screen.

Tab	#	Item
		DESCRIPTOR Default : CURSOR LEFT

94 - CURSOR RIGHT

Use to relocate the position of the cursor on the screen.

Tab	#	Item
		DESCRIPTOR Default : CURSOR RIGHT

95 - PAGE DOWN

Use to switch between pages on the register display.

Tab	#	Item
		DESCRIPTOR Default : PAGE DOWN

96 - PAGE UP

Use to switch between pages on the register display.

Tab	#	Item
		DESCRIPTOR Default : PAGE UP

97 - NEXT RECORD

Tab	#	Item
		DESCRIPTOR Default : DELIVERY LIST

98 - PREV.RECORD (Previous Record)

Tab	#	Item
		DESCRIPTOR Default : DELIVERY LIST

99 ~ 100 - Reserved

Tab	#	Item
		DESCRIPTOR Default : RESERVED

101 ~ 110 - DESTINATION 1 ~ 10

DESTINATION function is a subtotal function to calculate the total of different selling situations, such as **eat in**, **take out** and **drive thru**. It records the amount of the transactions in the destination key total on the financial report. Tax calculation can be changed to accommodate different tax rules for drive thru sales.

Please see PGM-Mode, SYSTEM OPTION → GENERAL FUNCTION OPTIONS → OPTION#1 → 2. ENFORCE EAT-IN/TAKE-OUT/DRIVE-THRU → AT BEGIN OF SALE or BEFORE TENDER for more settings.

As well as PGM-Mode, SYSTEM OPTION → GENERAL FUNCTION OPTIONS → OPTION#1 → 3. DEFAULT DESTINATION for related setting.

NOTE : **DESTINATION2** is treated as **TAKE OUT** in SPS-530.

Please see PGM-Mode, SYSTEM OPTION → GENERAL FUNCTION OPTIONS → OPTION#5 → 41. ALLOW TAX SHIFT BY TAKE OUT for related feature.

Tab	#	Item
		DESCRIPTOR Default : DESTINATION 1 ~ 10
		EXEMPT TAX This allows each tax rate to be excluded from the sale calculation Default : <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 [All un-ticked]
		COMPULSORY VALIDATION? This forces validation if a cancel is carried out (only on printer models with a validation option) Default : NO (YES)
		KP PERIOD OVERRIDE (0=NO OVERRIDE) This changes the area in which the item is printed from the normal programmed route to one of the 4 pre-programmed kitchen printer periods Default : 0
		PRICE LEVEL (0-20) This allow to trigger a specific price level on the item Default : 00 [Inactive]
		PRINT RED/RESERVED ON KP? This allows to highlight Destination message when printing to a KP Default : NO (YES)

111 ~ 114 - Reserved

Tab	#	Item
		DESCRIPTOR Default : RESERVED

115 - MACRO PAUSE

Use to pause a macro sequence. A macro will stop when it reaches **MACRO PAUSE**, and then accept an operator key in further information before continuing the macro sequence.

Tab	#	Item
		DESCRIPTOR Default : MACRO PAUSE

116 - MACRO SET

Use to create a macro at any time without going through the **P-Mode** macro program.

Tab	#	Item
		DESCRIPTOR Default : MACRO SET

117 - MACRO

Use to execute one of the forty possible macros by entering the macro number then **MACRO #** key.

Tab	#	Item
		DESCRIPTOR Default : MACRO #

118 - MDSE RETURN (Merchandise Return)

Use to adjust items inside or outside of a transaction.

Tab	#	Item
		DESCRIPTOR Default : MDSE RETURN
		HALO (0:NO LINIT) This is the maximum amount for this key Default : 00000.00 [No Limit] (00000.00 ~ 99999.99)
		MANAGER REQUIRED? This forces sign on of a management user Default : NO (YES)
		COMPULSORY VALIDATION? This forces validation if a cancel is carried out (only on printer models with a validation option) Default : NO (YES)
		ADD TO NET GRAND TOTAL? This adds instead of subtracting to the NET grand totals Default : NO (YES)
		SKIP ADJUSTMENT OF PLU TOTAL? The key, as standard, subtracts the refunded items from the PLU totals this prevents that happening Default : NO (YES)

119 ~ 134 - MISC TEND 1 ~ 16 (Miscellaneous Tender)

Use to finalise or tender a sales paid by various charges or other media. Tendering may or may not be allowed depending upon function key programming.

Tab	#	Item
OPTION#1		DESCRIPTOR Default : MISC TEND 1 ~ 16
		HALO (0:NO LINIT) This is the maximum amount for this key Default : 00000.00 [No Limit] (00000.00 ~ 99999.99)
		EXEMPT TAX This allows each tax rate to be excluded from the sale calculation Default : <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 [All un-ticked]
		OPEN DRAWER? This controls whether the cash drawer will open Default : YES (NO)
		COMPULSORY VALIDATION? This forces validation if a cancel is carried out (only on printer models with a validation option) Default : NO (YES)
		AMOUNT TENDE COMPULSORY? This forces the entry of moneys given for change Default : NO (YES)
		DISABLE UNDER TENDERING? This prohibits partial tender i.e. Value lower than sale Default : NO (YES)
		MANAGER REQ. FOR UNDER TENDERING This forces the user of a Manager to sign on for partial tender Default : NO (YES)
		NON-ADD# ENTRY COMPULSORY? This forces the operator to enter a reference number Default : NO (YES)
	OPTION#2	
		COIN CHANGER PORT# (0-64) Mainly for the US market this allows an automated coin changer Default : 0 (0 ~ 4)
		CONNECT EFT TERMINAL? This allows connection of an authorised Electronic Fund Transfer terminal (credit card terminal) Default : NO (YES)
		DRAWER OPEN IF NO CHANGE FOR EFT Default : NO (YES)

135 - MISC TEND# (Miscellaneous Tender)

Use to access one of the 16 possible miscellaneous tender functions by entering the tender number (1-16) then **MISC TEND #** key.

Tab	#	Item
		DESCRIPTOR Default : MISC TEND#

136 ~ 145 - MODIFIER 1 ~ 10

Use to changes a selected digit of the PLU number into a specific number, causing a different PLU to be registered. A modifier key can be set to change one of the 18 positions of PLU number to one of any specified value between 0-9. Uses before register a PLU.

Please see PGM-Mode, SYSTEM OPTION → LEVEL / MODIFIER OPTIONS for related settings.

Tab	#	Item
OPTION#1		DESCRIPTOR Default : MODIFIER 1 ~ 10
		MANAGER REQUIRED? This forces sign on of a management user Default : NO (YES)
		MODIFY DESCRIPTOR ONLY(NOT PLU#)? This changes the description of the product but not the code Default : NO (YES)
		PRINT DESCRIPTOR ON GUEST CHECK? This determines whether the descriptor is printed on a check tracking bill Default : YES (NO)
		PRINT DESCRIPTOR ON RECEIPT? This determines whether the descriptor is printed on the customer transaction receipt Default : YES (NO)
		PRINT DESCRIPTOR ON KP? This determines whether the descriptor is printed on the Kitchen order Default : YES (NO)
		AFFECT DIGIT 1-18 OF PLU# * The digit of the PLU code to be modified Default : 00 (1 ~ 18)
		VALUE OF AFFECTED DIGIT (0-9) OF PLU * This is the VALUE 0-9 by which the selected digit is to be changed Default : 0 (0 ~9)
		MODIFIER IS VALUE OF AFFECTED DIGIT This determines the behaviour of this function Default : STAY DOWN (TRANS. POPUP / ITEM POPUP)

* When “**AFFECT DIGIT 1-18 OF PLU#**” is set to 4; combine with “**VALUE OF AFFECTED DIGIT**” is set to 2; the particular MODIFIER key will modify **original** PLU# 000000000000000000x001 to **modified** PLU# 00000000000000002001; x can be any number between 0-9.

146 - Reserved

Use for description programming. Only accessible via PC Utility then program the descriptor.

147 - #/NOSALE (Non-Add# and No Sale)

Use to enter a non-adding memo number during a transaction (# (NON-ADD#) function) or use to open the cash drawer outside of a sale (NOSALE function).

Tab	#	Item
OPTION#1		NOSALE DESCRIPTOR Default : #/NOSALE
		HALO DIGITS FOR NON-ADD ENTRY (0-14) This is the maximum digits for the reference number. Default : 00 [00=No limit]
		ALLOW NO SALE FUNCTION? This will enable the operator to open the cash drawer Default : YES (NO)
		ALLOW NON-ADD FUNCTION? This will enable the operator to enter a reference number Default : YES (NO)
		MANAGER REQ. FOR NOSALE? This forces sign on of a management user Default : NO (YES)
		NOSALE INACTIVE AFTER NON-ADD ENTRY? Once a reference has been entered it its not possible to continue by just opening the drawer, a sale is required Default : YES (NO)
		COMPULSORY VALIDATION ON NOSALE? This forces validation if a cancel is done (only on valid printers) Default : NO (YES)
		ENFORCE NON-ADD AT BEGINNING OF SALE? This forces the operator to enter a reference number before commencing a sale Default : NO (YES)
		COMP. NON-ADD# MUST MATCH HALO DIGIT#? The HALO is no longer a maximum but a compulsory criteria Default : NO (YES)
OPTION#2		NOSALE : PRINT ON RECEIPT? The no sale will issue a ticket if this flag is turned on Default : NO (YES)

148 - P/BAL (Previous Balance)

Use to manually enter an amount for the simplest form of Charge Posting/Table Service. Can be used any time within a transaction which must be finalised with one of (for the appropriate tracking file) the **STORE CHECK** keys. *Enter the amount then **P/BAL** key.*

Tab	#	Item
		DESCRIPTOR Default : P/BAL
		MUST BE ENTERED AT START OF SALE? This forces an opening balance at start of a sale Default : NO (YES)
		COMPULSORY P/BAL? This forces an entry of balance during a sale Default : NO (YES)

149 ~ 150 - Reserved

Use for description programming. Only accessible via PC Utility then program the descriptor.

151 ~ 155 - PAID OUT 1 ~ 5

Use to remove cash, check or miscellaneous media from the drawer. Perform a PAID OUT to reduce the CASH-IN-DRAWER total. *See **PGM-Mode**, **SYSTEM OPTION** → **GENERAL FUNCTION OPTIONS** → **CASH DRAWER OPTIONS** → 2. **C-I-D AMOUNT LIMIT***

Tab	#	Item
		DESCRIPTOR Default : PAID OUT 1 ~ 5
		HALO (0:NO LINIT) This is the maximum amount for this key Default : 0000.00 [No Limit] (00000.00 ~ 99999.99)
		MANAGER REQUIRED? This forces sign on of a management user Default : NO (YES)
		COMPULSORY VALIDATION? This forces validation if a cancel is carried out (only on printer models with a validation option) Default : NO (YES)

156 - PAID RECALL

Use to recall last **X** number of transactions, starting with the last transaction finalised.

Tab	#	Item
		DESCRIPTOR Default : PAID RECALL
		MANAGER REQUIRED? This forces sign on of a management user Default : NO (YES)
		USE EJ RECALL Default : NO (YES)

157 ~ 166 - % 1 ~ 10

Use to handle various kinds of discounts and surcharges to items or transactions.

Tab	#	Item
OPTION#1		DESCRIPTOR Default : % 1 ~ 10
		HALO/RATE This is the maximum amount for this key Default : 00.000 / 00000.00 [PERCENT / AMOUNT-No Limit] (00.000 ~ 99.999 / 00000.00 ~ 99999.99)
		TAXABLE The discount/premium amount can be included within the tax Default : <input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 [Taxed by Tax1 (10% GST)]
		FUNCTION IS INACTIVE This allows the items to be prohibited without the necessity to make the key inactive Default : NO (YES)
		FUNCTION IS MANAGER REQUIRED? This forces sign on of a management user Default : NO (YES)
		FUNCTION : SALE / ITEM This determines whether the function must be applied to each item or to the whole sale total after subtotal Default : ITEM (SALE)
		FUNCTION : AMOUNT / PERCENT This determines whether the function will apply either a dollar amount or a percentage rate <i>Please note the change on the HALO/RATE field: PERCENT is 00.000; AMOUNT is 00000.00</i> Default : PERCENT (AMOUNT)
		FUNCTION : PLUS / MINUS This determines whether the adjustment will be applied as either a discount or surcharge Default : MINUS (PLUS)
		FUNCTION : OPEN / PRESET This determines the adjustment between a preset value or manual entered value Default : OPEN (PRESET)
OPTION#2		COMPULSORY VALIDATION? This forces validation if a cancel is carried out (only on printer models with a validation option) Default : NO (YES)
		ALLOW PRESET OVERRIDE? This enables the operator to manually enter an adjustment even when there is a pre-programmed rate Default : NO (YES)
		MANAGER REQUIRED FOR PRESET OVERRIDE This forces use of the manager to sign on when it is necessary to override the pre-programmed amount Default : NO (YES)
		FUNCTION NETS ITEM TOTAL? This reports the values inclusive of the adjustment Default : NO (YES)
		FUNCTION IS FOOD STAMP ELIGIBLE? Used for US market . It ensures the discount is considered when selling food stamp products.

Tab	#	Item
		Default : NO (YES)
		ALLOW MULTIPLE SALE COUPONS W/O SBTL? This enables more than one coupon operation per sale Default : NO (YES)
		ALLOW ONLY ONE DISCOUNT PER TRANS? This restricts the operation of discount / surcharge added at subtotal Default : NO (YES)
		KEY IS "DO IT" DISCOUNT FUNCTION? This operates a sale rounding system. <i>For example If a Sale is made for \$7.20 and DO IT FUNCTION will set the sale value as 7.00 - the % cutting off the \$0.20</i> Default : NO (YES)
		SELECTIVE DISCOUNT? Use to trigger the selective discount. If yes, all other % key options are ignored and the key function as a selective discount key. A promotion table with the "Selective Discount Item list" must be programmed prior using this feature. The discount is applied by entering the selective discount table number then tap/press the % discount key. <i>Please see S-Mode, MEMORY ALLOCATION → OPTION#6 → 30. # OF PROMOTION TABLE for related setting (WARNING!! Backup Program before Changing)</i> <i>Please refer to PGM-Mode, PROMOTION TABLE → PROMO TYPE : SELECTIVE DISC. for the selective discount list programming.</i> <i>Please see PGM-Mode, SYSTEM OPTION → GENERAL FUNCTION OPTIONS → OPTION#8 → 64. SUPRESS SELECTIVE DISCOUNT ERROR MESSAGE for related setting.</i> Default : NO (YES)

167 - PLU (Price LookUp)

Use to register a PLU (in most of cases) not on the keyboard/screen after PLU# is entered.

Tab	#	Item
		DESCRIPTOR Default : PLU

168 - PREV.RECORD (Previous Record)

Tab	#	Item
		DESCRIPTOR Default : PREV.RECORD

169 - PRICE INQ (Price Inquiry)

Use to display the PLU price without actually registering the PLU. Can be set **POP UP** for single item or **STAY DOWN** for continuously multiple items. Uses **CLEAR** to exit if setup as multiple items.

Tab	#	Item
		DESCRIPTOR Default : PRICE INQ
		MANAGER REQUIRED? This forces sign on of a management user Default : NO (YES)
		FUNCTION IS : STAY DOWN / POP UP Price inquiry for single item (POP UP) or for multiple items (STAY DOWN). When STAY DOWN is selected, need to press CLEAR key to exit Default : POP UP (STAY DOWN)

170 ~ 189 - PRICE LVL 1 ~ 20 (Price Level)

Use prior a PLU entry to shift the price of a PLU to a different price level set in PLU programming.

If interesting about “**Time Activate Price Level**” features on **PRICE LVL 1 ~ 20**, please refer to **P-Mode, TIME → TIME ACTIVATED FUNCTIONS → PRICE LEVELS**, select related price level, program Time Activate options.

Tab	#	Item
		DESCRIPTOR Default : PRICE LVL 1 ~ 20
		MANAGER REQUIRED? This forces sign on of a management user Default : NO (YES)
		PREVENT ZERO PRICE SALE When multiple price levels are programmed in S-Mode → MEMORY ALLOCATION , some of the PLUs may not have price programmed into all different price level. When a different price level sale is triggered by a PRICE LEVEL function key which result with “0” zero dollar price sale, this option will prevent an item sold with zero price because of such combination. Default : NO (YES)
		ALTERNATIVE PRICE LEVEL This cooperates with Price Level settings in the PLU programming. When a price level is not programmed / assigned to a PLU, this setting can redirect to one of the programmed price level. Default : 00 (0 ~ 20)
		PRICE LEVEL IS This determines the behaviour of this function Default : STAY DOWN (TRANS. POPUP / ITEM POPUP)

190 - PRINT

Use to send items that require special preparation to the KP (Kitchen Printer) or KV (Kitchen Video) before the sale is finalised. An item can be programmed as an auto grill item, then require **PRINT** every time when a item from the **STATUS GROUP** is sold. This feature does not affect normal KP/KV routing. **PRINT** also sends items in group sequence. Items are given a meal order priority through group programming. Each time the **PRINT** tapped/pressed, the next priority of items will be release to the kitchen printer.

Please see **PGM-Mode, SYSTEM OPTION → KITCHEN PRINTING / VIDEO OPTIONS → OPTION#2 → 2. ENABLE SORT KP BY KP GROUP #** for related setting.

Tab	#	Item
		DESCRIPTOR Default : PRINT
		OUTPUT PRINTER # (0-40) This is the printer number to which the items are printed. <i>Printer #0 is default for internal receipt printer</i> Default : 00 (0 ~ 40)
		AUTOMATICALLY PRINT MEAL ORDERLY This will print items automatically. <i>Items are sorted according to settings in P-Mode, Group Programming → MEAL ORDER FOR KP(0-7)</i> Default : NO (YES)

191 - PRINT CHECK

Used when running a **SOFT CHECK** system. Prints the soft/guest check (tracking file) that is currently displayed. Can be programmed to store (service) the check automatically.

Please see **PGM-Mode, SYSTEM OPTION → GENERAL PRINTING OPTIONS → OPTION#3 → 21. GUEST CHECK PREAMBLE/POSTAMBLE:** for related setting.

Also **PGM-Mode, SYSTEM OPTION → GENERAL PRINTING OPTIONS → OPTION#3 → 36. PRE LOGO IMAGE# ON GUEST CHECK, and 37. POST LOGO IMAGE# ON GUEST CHECK** for related settings.

Also **PGM-Mode, MESSAGES → LOGO MESSAGE and/or GUEST CHECK LOGO MSG** for related programmings.

Tab	#	Item
		DESCRIPTOR Default : PRINT CHECK
		PRINT CHECK ON PRINTER # (0-40) This is the printer number which will print the check bill. <i>Printer #0 is default for internal receipt printer</i> Default : 00 (00 ~ 40)
		PRINT CHCK AUTOMATICALLY SERVICE CHK? This will ensure no manual operation of the print check key is required. The check is held after the bill is printed Default : YES (NO)
		PRINT CONSEC# ON GUEST CHECK? This enables the receipt number to be printed on bill Default : YES (NO)

192 - PRINT HOLD

Use to remove the "hold" designation from an item or order, so that the items and their instructions are now sent to the KP/KV at finalisation. *Cooperate with HOLD, RECALL CHECK (1 ~ 4) and STORE CHECK (1 ~ 4).*

Tab	#	Item
		DESCRIPTOR Default : PRINT HOLD
		MANAGER REQUIRED? This forces sign on of a management user Default : NO (YES)

193 - PROMO

Use to void the price (the item remains) of an item. Can be used for buy 2 pay for 1 promotion. A PROMO count is available for each menu item.

Tab	#	Item
		DESCRIPTOR Default : PROMO
		TAXABLE The discount/premium amount can be included within the tax Default : <input checked="" type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input checked="" type="checkbox"/> 4 <input checked="" type="checkbox"/> 5 <input checked="" type="checkbox"/> 6 [All ticked]
		MANAGER REQUIRED? This forces sign on of a management user Default : NO (YES)

194 - Reserved

Use for description programming. Only accessible via PC Utility then program the descriptor.

195 - QUIT

Use to automatically sign off the current cashier/clerk.

Tab	#	Item
		DESCRIPTOR Default : QUIT

196 - RCPT ON/OFF

Use to toggle the receipt function between **ON** and **OFF**.

Tab	#	Item
		DESCRIPTOR Default : RCPT ON/OFF

197 ~ 200 - RECALL CHK 1 ~ 4 (Recall Check)

Use either to begin a new tracking transaction, or to access an existing tracking transaction. Check# can be manually entered or assigned by system when a tracking transaction is newly opened. The tracking system can maintain either only balance (Hard Check - ex. monthly account) or entire transactions (Soft Check - restaurant billing) in the memory. The system can hold up to 4 different tracking files in the system.

NOTE: When running Check Track in **Deposit Mode**, please see **PGM-Mode, SYSTEM OPTION → TRACKING FILE OPTIONS → OPTION#3/4 → 18. ~ 21. CHECK TRACKING TYPE FOR CHECK#1 ~ #4** for setup.

Tab	#	Item
OPTION#1		DESCRIPTOR Default : RECALL CHK 1 ~ 4
		MANAGER REQUIRED? This forces sign on of a management user Default : NO (YES)
		ENFORCE SEAT# This makes entering the seat of each person at the table is compulsory so that if required at finalisation seat separation and split payment can be carried out Default : NO (YES)
		TABLE ENTRY REQUIRED This force the operator to enter a table number Default : NO (YES)
		MULTIPLE CHECKS ALLOWED FOR EACH TABLE The table number can also be used to recall open checks. This allows the operator to have more than one check at each table Default : YES (NO)
		GUEST COUNT ENTRY REQUIRED This requests the input of guests when a check is opened Default : NO (YES)
		COMPULSORY FOR ALL SALES? This forces the operator to enter a check for every sale Default : NO (YES)
		ASSIGNED BY REGISTER? The system can work on manually entered check number, or can generate it's own sequential number Default : NO (YES)
		OPENING EMPLOYEE HAS EXCLUSIVE ACCESS The check can be restricted in operation solely to the employee that started the sale Default : NO (YES)
OPTION#2		PRINT CHECK# ON RECEIPT? This prints the check number on the receipt Default : YES (NO)
		PRINT CHECK# ON JOURNAL? This prints the check number on the audit Default : YES (NO)
		PRINT CHECK# ON KP? This prints the check number on the order Default : YES (NO)

Tab	#	Item
		AUTO CHECK MANAGEMENT? The sale has made and stored, also, the check number is automatically generated by system. By pressing the check key to recall the oldest check and get ready for finalisation. This can be overwritten by manually entering the check number Default : NO (YES)
		PRINT ON GUEST CHECK AUTOMATICALLY? The sale details can be printed automatically when stored Default : NO (YES)
		DISABLE OPENING A NEW CHECK? This forces using NEW CHECK key to open a new check for next sale Default : NO (YES)
		SCAN CHECK# Default : NO (YES)
		LENGTH OF CHECK# IN DIGITS (0-10) The check can have an enforced number of digits Default : 00 (0 ~ 10)

201 ~ 205 - RECD ACCT 1 ~ 5 (Received Account)

Use to add cash, check or miscellaneous media to the drawer. Also used in Check Tracking when Check type is set to **DEPOSIT**. Please see **PGM-Mode, SYSTEM OPTIION → TRACKING FILE OPTIONS → OPTION#3/4 → 18. ~ 21. CHECK TRACKING TYPE FOR CHECK#1 ~ #4** for setup.

Tab	#	Item
		DESCRIPTOR Default : RECD ACCT 1 ~ 5
		HALO (0:NO LINIT) This is the maximum amount for this key Default : 00000.00 [No Limit] (00000.00 ~ 99999.99)
		MANAGER REQUIRED? This forces sign on of a management user Default : NO (YES)
		COMPULSORY VALIDATION? This forces validation if a cancel is carried out (only on printer models with a validation option) Default : NO (YES)

206 - RECEIPT

Use to issue a transaction receipt at the designated receipt printer.

Tab	#	Item
		DESCRIPTOR Default : RECEIPT
		PRINT "REPRINT" ON RECEIPT The word re-print can be suppressed on copy receipts Default : NO (YES)

207 - REPEAT

Use to quickly re-order a set of items. When a check is recalled, press **REPEAT** to automatically register all of the items registered at the previous posting.

Tab	#	Item
		DESCRIPTOR Default : REPEAT
		MANAGER REQUIRED? This forces sign on of a management user Default : NO (YES)

208 - SCALE

Use to automatically display the weight from a scale connected to the register, or to manually enter a weight for extension.

Tab	#	Item
		DESCRIPTOR Default : SCALE
		MANAGER REQUIRED? This forces sign on of a management user Default : NO (YES)
		ALLOW MANUAL ENTRY OF WEIGHT? Weight can either be entered manually or on a scale Default : NO (YES)
		INHIBIT TARE WEIGHT ENTRY? The system will allow the tare weight management Default : NO (YES)
		MANAGER REQ. FOR TARE ENTRY? This force the use of a management user for this operation Default : NO (YES)
		TARE ENTRY IS COMPULSORY? This forces the operator to use the tare weight method Default : NO (YES)
		WEIGHT SYMBOL : kg / lb This allows for either pounds or kilo entry Default : kg (lb)
		SET TARE WEIGHT This access a sub menu for tare weight programming After Tare Weight is set, please select a Tare Weight for a PLU Status Group in PGM-Mode, PLU → PLU STATUS GROUP → OPTION#2 → 15. AUTO TARE# (0-20) Default : SET TARE WEIGHT [20 settings of tare weight. All default to 00.00 kg]

209 - SEAT

Use to identify a specific seat (or person) within a transaction. Facilitates separate payment by seat, and identifies to the food preparation staff (through the KP/KV) how to assemble meals. Seat numbers may be assigned at the time of entry or, if necessary, later in the transaction.

Tab	#	Item
		DESCRIPTOR Default : SEAT #
		MANAGER REQUIRED? This forces sign on of a management user Default : NO (YES)
		FUNCTION IS : STAY DOWN / POP UP When enter seat numbers as the items are being sold this will allow all items to be allocated to the seat selected until an alternative seat number is entered Default : POP UP (STAY DOWN)

210 - Reserved

Use for description programming. Only accessible via PC Utility then program the descriptor.

211 - SPLIT ITEM (Split Consolidated Item)

Use to separate registered items on the screen when “like items are consolidated” is programmed. Used normally to assist the items to seat allocation.

Tab	#	Item
		DESCRIPTOR Default : SPLIT ITEM
		MANAGER REQUIRED? This forces sign on of a management user Default : NO (YES)

212 - SPLIT PAY (Split Payment)

Use to divide the amount of a guest check into **equal segments** for payment by more than one person.

Tab	#	Item
		DESCRIPTOR Default : SPLIT PAY
		MANAGER REQUIRED? This forces sign on of a management user Default : NO (YES)

213 - STOCK INQ (Stock Inquiry)

Use to view stock status of item (*pop up*) or items (*stay down*) when item(s) have been programmed "Stock PLU is YES"

Tab	#	Item
		DESCRIPTOR Default : STOCK INQ
		MANAGER REQUIRED? This forces sign on of a management user Default : NO (YES)
		FUNCTION IS : STAY DOWN / POP UP If set to stay down the terminal will stay in price inquire mode Default : POP UP (STAY DOWN)

214 ~ 217 - STORE CHK 1 ~ 4 (Store Check)

Use to finalise a registration section of a tracking transaction. This function is equivalent to a SERVICE function. The tracking system can maintain either only balance (Hard Check - ex. monthly account) or entire transactions (Soft Check - restaurant billing) in the memory. The system can hold up to 4 different tracking files in the system.

Tab	#	Item
OPTION#1		DESCRIPTOR Default : STORE CHK 1 ~ 4
		HALO (0:NO LINIT) This is the maximum sale amount for this key Default : 00000.00 [No Limit] (00000.00 ~ 99999.99)
		EXEMPT TAX This allows each tax rate to be excluded from the sale calculation Default : <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 [All un-ticked]
		MANAGER REQUIRED? This forces sign on of a management user Default : NO (YES)
		COMPULSORY VALIDATION? This forces validation if a cancel is carried out (only on printer models with a validation option) Default : NO (YES)
		NON-ADD# COMPULSORY? This forces the entry of a reference number using the #/No sale function Default : NO (YES)
		PRINT ON RECEIPT? This prints the function description on the receipt Default : YES (NO)
		PRINT ON JOURNAL? This prints the function description on the journal Default : YES (NO)
		MANAGER REQ. FOR SERVICING OF NEGATIVE BALANCE This forces the management user to use the storage of checks, which have a minus sale total Default : NO (YES)
T O		HARD CHECK PRINTER # (0 - 40) This is printer number which the check will print to when using this key for balance on tracking.

Tab	#	Item
		When NON detailed / Hard check tracking is used, the print check key will print the detailed bill. <i>Printer #1 is default for internal receipt printer</i> Default : 00 (0 ~ 40)
		AUTO CHECK MANAGEMENT? This allows store of a sale onto a sequential check number without having to initially open the check Default : NO (YES)
		RESET GST AFTER STORE CHECK Default : NO (YES)

218 - SUBTOTAL

Use to display the message "SUBTOTAL" on the display. Although a running total is always displayed on the bottom of the screen, the SUBTOTAL key may be required before some functions, such as subtotal discount.

Tab	#	Item
		DESCRIPTOR Default : SUBTOTAL

219 ~ 222 - TABLE 1 ~ 4

Use to enter the table number of the check. If a table number is entered, the **TABLE#** key can also be used to recall a check, transfer a check to different table (table transfer). This feature is only used in Soft Check - restaurant billing. The system can hold up to 4 different tracking files in the system.

Tab	#	Item
		DESCRIPTOR Default : TABLE 1 ~ 4

223 - Reserved

Tab	#	Item
		DESCRIPTOR Default : RESERVED

224 - TAX EXMPT (224)

Use to exempt specific taxes from a sale.

Tab	#	Item
		DESCRIPTOR Default : TAX EXMPT
		HALO (0:NO LINIT) This is the maximum sale amount for this key Default : 00000.00 [No Limit] (00000.00 ~ 99999.99)
		EXEMPT TAX This allows each tax rate to be excluded from the sale calculation Default : <input checked="" type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input checked="" type="checkbox"/> 4 <input checked="" type="checkbox"/> 5 <input checked="" type="checkbox"/> 6 [All ticked]
		NON-ADD# COMPULSORY? This forces the entry of a reference number using the #/No sale function Default : NO (YES)
		COMPULSORY VALIDATION? This forces validation if a cancel is carried out (only on printer models with a validation option) Default : NO (YES)

225 ~ 230 - TAX SHIFT 1 ~ 6

Use to shift the pre-programmed tax status of an item.

Please see **PGM-Mode**, **SYSTEMOPTION** → **GENERAL FUNCTION OPTIONS** → **OPTION#5**
→ 42. **TAX SHIFT**: for more setting.

Tab	#	Item
		DESCRIPTOR Default : TAX SHIFT 1 ~ 6

231 - CLK IN/OUT

Use to record start and stop work times for the registered employee. Hours worked are maintained by the time clock system.

Tab	#	Item
		DESCRIPTOR Default : CLK IN/OUT
		MANAGER REQUIRED? This forces sign on of a management user Default : NO (YES)
		COMPULSORY VALIDATION? This forces validation if a cancel is carried out (only on printer models with a validation option) Default : NO (YES)

232 ~ 234 - TIP 1 ~ 3

Use to enter a tip amount on a check.

Tab	#	Item
		DESCRIPTOR Default : TIP 1 ~ 3
		HALO/RATE This is the maximum amount for this key Default : 00000.00 / 00 [AMOUNT / PERCENTAGE-No Limit] (00000.00 ~ 99999.99 / 00 ~ 99)
		TIP : PERCENTAGE / AMOUNT This determines whether the value entered is to be applied as a monetary amount or a percentage. <i>Please note the change on the HALO/RATE field: PERCENT is 00; AMOUNT is 00000.00</i> Default : AMOUNT (PERCENTAGE)
		TIP : OPEN / PRESET The tip key can be either preset with a % or have the value entered during the sale Default : PRESET (OPEN)
		TIP IS TAXABLE BY RATE : The discount/premium amount can be included within the tax Default : <input checked="" type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input checked="" type="checkbox"/> 4 <input checked="" type="checkbox"/> 5 <input checked="" type="checkbox"/> 6 [All ticked]
		MUST BE PAID BY MISC TEND AFTER TIP? This forces finalisation on a miscellaneous tender key once a tip entry has been made Default : NO (YES)
		TIP AMOUNT ADDS TO NET & GROSS TOTALS? The tip amount can be added into the net financial total and grand totals Default : NO (YES)
		CHARGE TIP IS DEDUCTED FROM CASH? The tip can be applied as a cash financial total, the value is then subtracted from the cash totalisers Default : NO (YES)

235 ~ 238TRANS CHK 1 ~ 4

Use to transfer one or all open soft checks form one server to another server. A transfer check receipt will print. This feature is only used in Soft Check - restaurant billing. The system can hold up to 4 different tracking files in the system.

Tab	#	Item
		DESCRIPTOR Default : TRANS CHK 1 ~ 4
		MANAGER REQUIRED? This forces sign on of a management user Default : NO (YES)

239 - TRAY SUBTL

Use to finalise a transaction that will be paid later with subsequent transactions. See "**ADD CHECK**" to add multiple soft checks for payment.

Please see *PGM-Mode*, *SYSTEM OPTION* → *GENERAL PRINTING OPTIONS* → *OPTION#2* → 8. *CONDENSE TRAY SBTL RECEIPTS* for related setting.

Tab	#	Item
		DESCRIPTOR Default : TRAY SUBTL
		EXEMPT TAX This allows each tax rate to be excluded from the sale calculation Default : <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 [All un-ticked]
		MANAGER REQUIRED? This forces sign on of a management user Default : NO (YES)
		COMPULSORY BEFORE TENDER? This forces use of this key to display total sale value Default : NO (YES)
		COMPULSORY VALIDATION? This forces validation if a cancel is carried out (only on printer models with a validation option) Default : NO (YES)
		ADVANCE CONSEC# AT FINAL TENDER ONLY? Each receipt issued can have a consecutive number or each can have the same number Default : NO (YES)

240 - VALID

Use to initiate a single line validation.

Tab	#	Item
		DESCRIPTOR Default : VALID

241 - VOID ITEM

Use to remove an item from a transaction. Select the item you wish to remove then **VOID ITEM** key.

Tab	#	Item
		DESCRIPTOR Default : VOID ITEM
		HALO (0:NO LINIT) This is the maximum amount for this key Default : 0000.00 [No Limit] (00000.00 ~ 99999.99)
		MANAGER REQUIRED? This forces sign on of a management user Default : NO (YES)
		COMPULSORY VALIDATION? This forces validation if a cancel is carried out (only on printer models with a validation option) Default : NO (YES)

242 - WASTE

Use to start and end entries of items that are wasted. A waste count is maintained for each item and inventory is adjusted.

Tab	#	Item
		DESCRIPTOR Default : WASTE
		MANAGER REQUIRED? This forces sign on of a management user Default : NO (YES)
		COMPULSORY VALIDATION? This forces validation if a cancel is carried out (only on printer models with a validation option) Default : NO (YES)
		AFFECT ON PROJECTIONS? Are the wastage values to be included in the product mix group Default : YES (NO)

243 - FUNC.LIST#

Use to manually advance to a specific **Key Link/SCREEN**.

Tab	#	Item
		DESCRIPTOR Default : FUNC.LIST#

244 - X/TIME

Use to multiply, to register split price items, or display the time (also firmware version, IP Address, number of PLUs and current key link/screen) in the **REG-Mode**.

Tab	#	Item
		DESCRIPTOR Default : X/TIME
		ALLOW SPLIT PRICING This allows entry of fraction quantities. When set to YES, Key sequence "1 X/TIME 3 X/TIME" will result a one-third of the item quantity and price. If this option is set to YES, this option could be overridden by multiple multiplication setting. <i>Please see PGM-Mode, SYSTEM OPTION → GENERAL FUNCTION OPTIONS → OPTION#5 → 40. ALLOW MULTIPLE MULTIPLICATION for related setting.</i> Default : NO (YES)

245 - Reserved

Use for description programming. Only accessible via PC Utility then program the descriptor.

246 - PARK ORDER

Use to work in conjunction with a KV system and the **SERVE ORDER** key. Enter a number then **PARK ORDER** to park or "suspend" an order on the video monitor until the order is completely filled. In the case of a drive through order that cannot be completed when the customer arrives at the pick-up window, the operator would park the order until it was completely filled. The order would then be served or bumped by using the **SERVE ORDER** key.

Tab	#	Item
		DESCRIPTOR Default : PARK ORDER
		MANAGER REQUIRED? This forces sign on of a management user Default : NO (YES)

247 - SERVE ORDER

Use to work in conjunction with a KV system and the **PARK ORDER** key. Enter a number then **SERVE ORDER** to serve or bump the order from a video monitor. No video keypad is needed for this function.

Tab	#	Item
		DESCRIPTOR Default : SERVE ORDER
		MANAGER REQUIRED? This forces sign on of a management user Default : NO (YES)

248 - KP ROUTING

Use to override KP Time Period control.

Tab	#	Item
		DESCRIPTOR Default : KP ROUTING
		MANAGER REQUIRED? This forces sign on of a management user Default : NO (YES)
		ROUTING PERIOD IS This determines if the change of printing routing is stays until changed, for one item or stays down for one transaction Default : STAY DOWN (TRANS.POP UP)

249 - SPLIT CHECK

The **SPLIT CHECK** function provides another method of breaking down checks for payment. Note that this method works best when check numbers are not automatically assigned. Many programmers/installers will use the table number as the check number, and in this situation the feature works quite well.

Tab	#	Item
		DESCRIPTOR Default : SPLIT CHECK

250 - ALPHA TEXT

Use to manually enter additional information like a name or message. Each line can accommodate up to 15(double size)/30(single size) characters. Use OK to exit when **NOT “PERMIT MULTIPLE LINES”**, use CANCEL to exit if Multiple Lines is Permitted. When settings are all correct, message shall print on both Receipt and Journal with the order.

Tab	#	Item
		DESCRIPTOR Default : ALPHA TEXT
		PERMIT MULTIPLE LINES Default : NO (YES)
		USE PRE-DEFINED ALPHA DESCRIPTION <i>Please see P-Mode, MESSAGES → ALPHA TEXT MESSAGE, for pre-define Alpha Text Message programming.</i> Default : NO (YES)
		PRINT IN DOUBLE Default : NO (YES)
		DO NOT PRINT ALPHATEXT ON RECEIPT Default : NO (YES)
		DO NOT PRINT ALPHATEXT ON JOURNAL Default : NO (YES)
		DO NOT ALLOW MANUAL ALPHA ENTRY Default : NO (YES)
		ALLOW ON SCREEN ALPHATEXT EDIT Default : NO (YES)

251 ~ 254 - NEW CHECK 1 ~ 4

The standard **RECALL CHK#** keys allow a check to be opened if it does not already exist. This is excellent in hospitality tracking, however for account management credit may not so readily be given. Therefore when this button is programmed accounts are not opened automatically. A warning will indicate an account does not exist if an attempt is made to open using the **RECALL CHK#** key. The **NEW CHECK#** button is used to open new accounts. The programmability for this key is automatically picked up from the status of the **RECALL CHK#** key.

Tab	#	Item
		DESCRIPTOR Default : NEW CHECK 1 ~ 4

255 - NOT FOUND PLU

Tab	#	Item
		DESCRIPTOR Default : NOT FOUND PLU

256 - PRICE CHG (Price Change)

Use to change the pre-programmed item price.

Please see PGM-Mode, PLU → PLU ADD & CHANGE → (select PLU) → OPTION#2 → ALLOW PRICE CHANGE for related setting.

Tab	#	Item
		DESCRIPTOR Default : PRICE CHG
		MANAGER REQUIRED? This forces sign on of a management user Default : NO (YES)
		PERMANENT PRICE CHANGE? Default : NEVER (ALWAYS / PROMPT)

257 - CASH W/DRAW

Used for UK Loyalty System. Not applicable in AU/NZ.

Tab	#	Item
		DESCRIPTOR Default : CASH W/DRAW
		HALO (0:NO LINIT) This is the maximum sale amount for this key Default : 00000.00 [No Limit] (00000.00 ~ 99999.99)
		MANAGER REQUIRED? This forces sign on of a management user Default : NO (YES)
		COMPULSORY VALIDATION? This forces validation if a cancel is carried out (only on printer models with a validation option) Default : NO (YES)

258 ~ 267 - Reserved

Use for description programming. Only accessible via PC Utility then program the descriptor.

268 - PREV LIST

Moves the current screen (n) to the previous screen (n-1).

Tab	#	Item
		DESCRIPTOR Default : PREV LIST

269 - NEXT LIST

Moves the current screen (n) to the next screen (n+1).

Tab	#	Item
		DESCRIPTOR Default : NEXT LIST

270 ~ 271 - Reserved

Tab	#	Item
		DESCRIPTOR Default : RESERVED

272 ~ 400 - Reserved

Use for description programming. Only accessible via PC Utility then program the descriptor.

401 ~ 499 - MACRO 1 ~ 99

To be programmed in different category in **PGM-Mode**, FUNCTION KEY on the SPS-500(530).

If interesting about “**Time Activate MACRO**” features on **MACRO 1 ~ 99**, please refer to *P-Mode, TIME → TIME ACTIVATED FUNCTIONS → MACROS*, select related MACRO, program Time Activate options.

Tab	#	Item
		DESCRIPTOR Default : MACRO 1 ~ 99

500 ~ 600 - Reserved

Use for description programming. Only accessible via PC Utility then program the descriptor.

601 ~ 602 - SCREEN 1 ~ 2

To be programmed in different category in **PGM-Mode**, FUNCTION KEY on the SPS-500(530). First 2 Screens - original named 601 - MNGE SCREEN (Manager Screen) and 602 - PAYMENT. Names will be updated after UP PROGRAM (SPS → PC)

If interesting about “**Time Activate Screen Level**” features on **Screen 0 ~ 200**, please refer to *P-Mode, TIME → TIME ACTIVATED FUNCTIONS → SCREEN LEVELS*, select related screen, program Time Activate options.

NOTE : SCREEN 1 is Screen Level#2, SCREEN 2 is Screen Level#3.

Tab	#	Item
		DESCRIPTOR Default : SCREEN 1 ~ 2

603 ~ 800 - SCREEN 3 ~ 200

To be programmed in different category in **PGM-Mode**, FUNCTION KEY on the SPS-500(530). Screen #3 ~ #200. Default names are SPS-2000 KEY LINK name from #1 to #198. Names will be updated after UP PROGRAM (SPS → PC)

If interesting about “**Time Activate Screen Level**” features on **Screen 0 ~ 200**, please refer to **P-Mode, TIME → TIME ACTIVATED FUNCTIONS → SCREEN LEVELS**, select related screen, program Time Activate options.

NOTE : SCREEN 3 is Screen Level#4, SCREEN 4 is Screen Level#5...
SCREEN 200 is Screen Level#201

Tab	#	Item
		DESCRIPTOR Default : SCREEN 3 ~ 200

801 ~ 802 - KEYLINK 199 ~ 200

Only exit in PC utility - Names will not update (disappear) after UP PROGRAM (SPS → PC)

Tab	#	Item
		DESCRIPTOR Default : KEY LINK 199 ~ 200

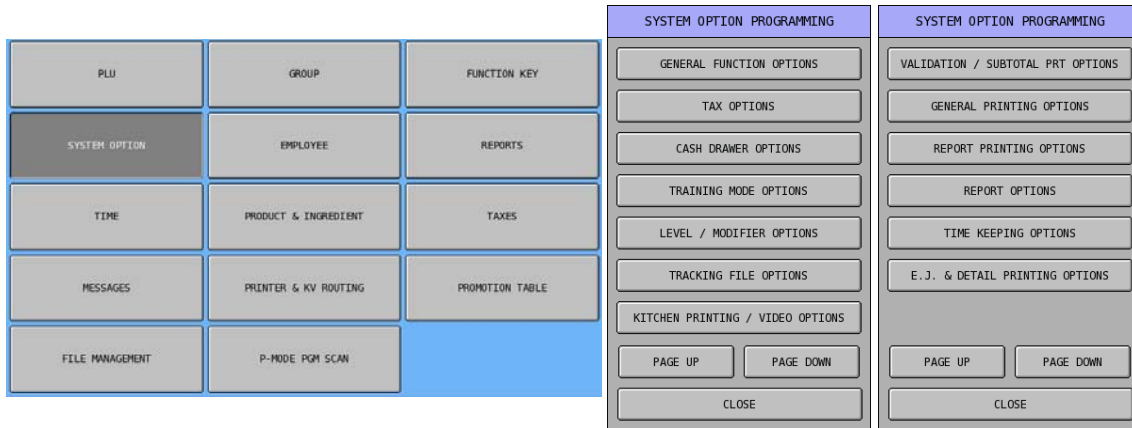
803 ~ 810 - (blank)

Use for reservation. Only accessible via PC Utility then program the descriptor.

System Option

Options are sorted by category to assist the programmer in finding a specific option.

☞ Tap **SYSTEM OPTION** button in **P-Mode** screen, then **SYSTEM OPTION PROGRAMMING** window will pop-up. Tap **PAGE UP** button or **PAGE DOWN** button to browse through available options, tap **CLOSE** if you want to exit.

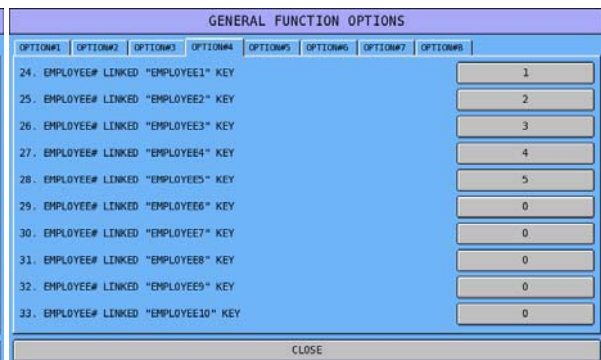
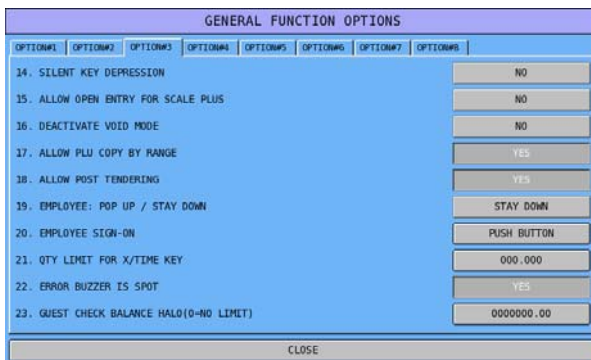
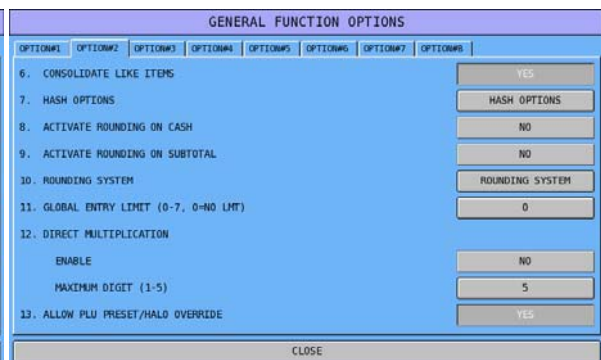
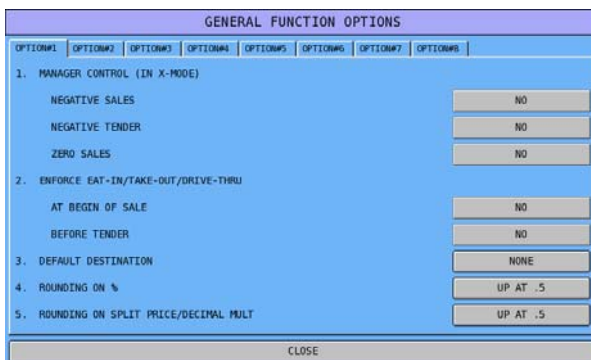
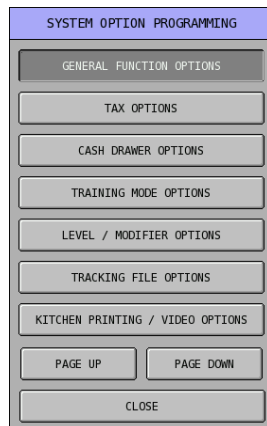


In **SYSTEM OPTION** programming, programs are organised as following categories:

- **GENERAL FUNCTION OPTIONS**
- **TAX OPTIONS**
- **CASH DRAWER OPTIONS**
- **TRAINING MODE OPTIONS**
- **LEVEL / MODIFIER OPTIONS**
- **TRACKING FILE OPTIONS**
- **KITCHEN PRINTING / VIDEO OPTIONS**
- **VALIDATION / SUBTOTAL PRT OPTIONS**
- **GENERAL PRINTING OPTIONS**
- **REPORT PRINTING OPTIONS**
- **REPORT OPTIONS**
- **TIME KEEPING OPTIONS**
- **E.J. & DETAIL PRINTING OPTIONS**

General Function Options

Tap **GENERAL FUNCTION OPTIONS** button on the **SYSTEM OPTION PROGRAMMING** window, **GENERAL FUNCTION OPTIONS** screen will pop-up. As options are designed in eight tabs, tap on “**OPTION#<number>**” tab to browse through all options. Tap **CLOSE** to exit.



GENERAL FUNCTION OPTIONS							
OPTION#1	OPTION#2	OPTION#3	OPTION#4	OPTION#5	OPTION#6	OPTION#7	OPTION#8
34. ALLOW NOT FOUND PLU							NO
35. SET DEFAULT SEAT# TO 1							NO
36. CONTINUE MACRO WHEN MACRO IS LOOP							NO
37. ENTER TIME FOR TRANSACTION VOID							NO
38. SCREEN SAVER (MINUTES)							30
39. ALLOW THE PRESS(NEWSPAPER)CODE PLU							NO
40. ALLOW MULTIPLE MULTIPLICATION							NO
41. ALLOW TAX SHIFT BY TAKE OUT							NO
42. TAX SHIFT:							ITEM POP UP
43. BASE CURRENCY:							LOCAL CURRENCY
CLOSE							

GENERAL FUNCTION OPTIONS							
OPTION#1	OPTION#2	OPTION#3	OPTION#4	OPTION#5	OPTION#6	OPTION#7	OPTION#8
44. ALLOW CLERK INTERRUPT							NO
45. ALLOW FLOATING CLERK							NO
46. ALLOW CLERK CHANGE WITHOUT SIGN-OFF							NO
47. GELDKARTE LOGEN PASSWORD							030000
48. SKIP IN NOT FOUND PLU REGISTRATION:							
GROUP LINK #1							NO
DESCRIPTOR							NO
49. SUBTRACT CHANGE FROM FOREIGN1 TOTAL							NO
50. RECEIPT STATUS ON OPERATOR DISPLAY							YES
51. AUDIBLE TONE ON HOT LIST							NO
CLOSE							

GENERAL FUNCTION OPTIONS							
OPTION#1	OPTION#2	OPTION#3	OPTION#4	OPTION#5	OPTION#6	OPTION#7	OPTION#8
52. ALLOW CARD ISSUE							NO
53. CHECK CARD BIRTH DAY							NO
54. USE SMART CARD GROUPS							NO
55. CARD READER ENABLE							NO
56. DALLAS KEY COMPULSORY FOR CLERK SIGN ON							NO
57. ONLY DISPLAY SCREEN WHICH HAS PLU ON SELECT PLU PROGRAM							NO
58. DISPLAY MESSAGE ON POLE							NONE
59. POLE DISPLAY MESSAGE DIRECTION							LEFT
60. ALLOW SALES FOR 0 STOCK ITEMS?							YES
61. ALLOW SALES UNDER MINIMUM STOCK							YES
CLOSE							

GENERAL FUNCTION OPTIONS							
OPTION#1	OPTION#2	OPTION#3	OPTION#4	OPTION#5	OPTION#6	OPTION#7	OPTION#8
62. SCREEN SAVER TYPE							FLOATING
63. SHOW REALTIME STOCK ON KBD							NO
64. SUPPRESS SELECTIVE DISCOUNT ERROR MESSAGE							NO
65. USE STOCK LINK PLU ON PLU PGM							STOCK LINK PLU
66. USE SOCIAL SEC # ON EMP. PGM							SOCIAL SEC #
67. INPUT CUSTOMER ID							NOT USED
68. MEMBERSHIP EXPIRY YEAR (0-5)							0
69. AUTOMATIC SIGN ON							NO
70. AUTOMATIC SIGN OFF TIME (MINUTE)							00
71. AUTOMATIC SCREEN CLEAR TIME (SECOND)							00
CLOSE							

General Function Options Definition

Tab	#	Item
Option #1	1	<p>MANAGER CONTROL (IN X-MODE) Determine which of the listed functions require the key lock to be placed in the X position. Settings here do not affect transactions performed in the VOID key lock mode.</p>
		<p>NEGATIVE SALES Default : NO (YES)</p>
		<p>NEGATIVE TENDER Default : NO (YES)</p>
		<p>ZERO SALES Default : NO (YES)</p>
	2	<p>ENFORCE EAT-IN/TAKE-OUT/DRIVE-THRU (DESTINATION 1 ~ 10) You can enforce EAT-IN, TAKE-OUT, or DRIVE THRU (DESTINATION 1 ~ 10) either at the beginning of a sale, or before a tender by selecting Yes for either option. <i>Please see PGM-Mode, FUNCTION KEY → FUNCTION KEY → DESTINATION (1 ~ 10) (code# 101 ~ 110) for related settings.</i></p>
		<p>AT BEGIN OF SALE Default : NO (YES)</p>
		<p>BEFORE TENDER Default : NO (YES)</p>
	3	<p>DEFAULT DESTINATION You have the option of selecting a default destination selection. Tap on the “NONE” button then a window listed NONE, DESTINATION 1 ~ 10 will pop-up for selection. <i>Please see PGM-Mode, FUNCTION KEY → FUNCTION KEY → DESTINATION (1 ~ 10) (code# 101 ~ 110) for related settings.</i> Default : NONE (DESTINATION 1 ~ 10)</p>
	4	<p>ROUNDING ON % When calculations on the % (Discount/Surcharge) result in a fraction of a cent, you have the option of rounding UP AT .5 (\$0.005 or greater rounds up; 0.004 or less rounds down) or you can choose to round any fractional calculation ALWAYS UP or ALWAYS DOWN. Default : UP AT .5 (ALWAYS UP, ALWAYS DOWN)</p>
	5	<p>ROUNDING ON SPLIT PRICE/DECIMAL MULT When calculations on the Split Price / Multiplication result in a fraction of a cent, you have the option of rounding UP AT .5 (\$0.005 or greater rounds up; 0.004 or less rounds down) or you can choose to round any fractional calculation ALWAYS UP or ALWAYS DOWN. Default : UP AT .5 (ALWAYS UP, ALWAYS DOWN)</p>
Option #2	6	<p>CONSOLIDATE LIKE ITEMS This determines the arrangement on the receipt/display when identical items are registered. <i>When Coke has been registered 2 times, if flag sets to YES, “2 x Coke” will show on the Screen and Receipt; if sets to NO, 1 x Coke will appear 2 times.</i> <i>For combining same items on the KP, please see PGM-Mode, SYSTEM OPTION → KITCHEN PRINTING / VIDEO OPTIONS → OPTION#2 → 5. COMBINE LIKE ITEM ON KP OR KVS</i> Default : YES (NO)</p>
	7	<p>HASH OPTIONS Here you can define the meaning of HASH by selecting Yes or No to each option in the list of calculation options. Please change flag in PLU Status Group accordingly. <i>For PLU STATUS GROUP, PGM-Mode, PLU → PLU STATUS GROUP → 9. IS PLU HASH?</i> Default : HASH OPTIONS (New screen open, please see HASH OPTIONS section)</p>
	8	<p>ACTIVATE ROUNDING ON CASH Choose to active the rounding system. Default : NO (YES)</p>

Tab	#	Item
	9	ACTIVATE ROUNDING ON SUBTOTAL Choose to active the rounding system Default : NO (YES)
	10	ROUNDING SYSTEM Here you can define how the Rounding System modifies the amount of dollars at the 2 nd decimal place. The rounding system has been preset for Australia use. Default : ROUNDING SYSTEM (<i>New screen open, please see ROUNDING SYSTEM section</i>)
	11	GLOBAL ENTRY LIMIT (0-7, 0=NO LMT) Select an entry limit that applies to all numeric entries (i.e. amounts for PLU entry, tenders, or multiplication.) The global entry limit will override any individually programmed limits. Default : 0 (0 ~ 7)
	12	DIRECT MULTIPLICATION Direct multiplication allows you to enter a quantity and then press a preset key without using the X/TIME key. You can enable direct multiplication here, and also determine the maximum number of digits for the multiplier. ENABLE Default : NO (YES) MAXIMUM DIGIT (1-5) Default : 5 (1 ~ 5)
	13	ALLOW PLU PRESET/HALO OVERRIDE Override of a preset (entry of a price into a preset key) or override of a HALO (entry of a price greater than the PLUs high amount limit can be allowed. In order to override, flags on individual PLU and Authority Level need to be adjusted accordingly... <i>For PLU, PGM-Mode, PLU → PLU ADD & CHANGE → for Individual PLU → OPTION#2 → ALLOW PRESET/HALO OVERRIDE to YES.</i> <i>For Authority Level, PGM-Mode, EMPLOYEE → AUTHORITY LEVEL → OPTION#3 → 17. CAN PLU PRC/HALO OVERRIDE to YES for suitable Authority Level between 1 to 9..</i> Default : YES (NO)
Option #3	14	SILENT KEY DEPRESSION This determines if SPS-530 beeps when a button is pressed / tapped. (<i>Tone for errors is still active</i>) Default : NO (YES)
	15	ALLOW OPEN ENTRY FOR SCALE PLUS This determines if MANUALLY weight entry for the open scale PLUs is allowed. Please make sure the appropriate PLU Status Group is set accordingly in order to cooperate with this option. <i>Please see PGM-Mode, PLU → PLU STATUS GROUP → OPTION#2 → 13. IS PLU SCALABLE? and 14. AUTO SCALE ON THIS PLU? for related settings .</i> Default : NO (YES)
	16	DEACTIVATE VOID MODE This is a security feature to completely disallow any activity in VOID-Mode . Default : NO (YES)
	17	ALLOW PLU COPY BY RANGE This feature allows the COPY PLU command to copy statuses from a single PLU to a range of PLUs. <i>Please see PGM-Mode, FILE MANAGEMENT → COPY PLU for difference.</i> Default : YES (NO)
	18	ALLOW POST TENDERING This allows CHANGE calculation after the last sale/transaction has been finalised. Enter tendered amount then press CASH button. Default : YES (NO)

Tab	#	Item
	19	EMPLOYEE: POP UP / STAY DOWN This determines whether an employee remains signed on to the terminal when a sale is completed, this is referred to as Stay Down. The alternative is Pop Up which means as soon as a sale is finalised the employee is signed off. Forcing an employee code to be entered every transaction. Default : STAY DOWN (POP UP)
	20	EMPLOYEE SIGN ON The employees can be signed onto the terminal in various ways. The most common method is to allocate employee buttons. Alternatively, employees can use an employee code button, which allows you to use either the EMPLOYEE number which is the default sequential code or the OPERATING CODE which is a unique code programmed per employee. Default : PUSH BUTTON (OPERATING CODE, EMPLOYEE#, FINGERPRINT)
	21	QTY LIMIT FOR X/TIME KEY Determine the maximum quantity that can be used for a multiplier. Default : 000.000
	22	ERROR BUZZER IS SPOT Determine the behaviour of the Error Buzzer between the momentary error tone or the continuous error tone and must be cleared. Default : YES [Momentary Error Tone] (NO [Continuous Error Tone])
	23	GUEST CHECK BALANCE HALO(0=NO LIMIT) A high amount limit on the balance of Guest check can be programmed here. This value will apply to all tracking files 1 ~ 4. Default : 0000000.00
Option #4	24	EMPLOYEE # LINKED "EMPOYEE1" KEY The 10 push button employee functions (codes 41-50) can be used to sign on specific employees. The specific employee for each key is assigned here. Default : 1(01/001)
	25	EMPLOYEE # LINKED "EMPOYEE2" KEY Default : 2(02/002)
	26	EMPLOYEE # LINKED "EMPOYEE3" KEY Default : 3(03/003)
	27	EMPLOYEE # LINKED "EMPOYEE4" KEY Default : 4(04/004)
	28	EMPLOYEE # LINKED "EMPOYEE5" KEY Default : 5(05/005)
	29	EMPLOYEE # LINKED "EMPOYEE6" KEY Default : 0(00/000) [Not Linked]
	30	EMPLOYEE # LINKED "EMPOYEE7" KEY Default : 0(00/000) [Not Linked]
	31	EMPLOYEE # LINKED "EMPOYEE8" KEY Default : 0(00/000) [Not Linked]
	32	EMPLOYEE # LINKED "EMPOYEE9" KEY Default : 0(00/000) [Not Linked]
	33	EMPLOYEE # LINKED "EMPOYEE10" KEY Default : 0(00/000) [Not Linked]
Option #5	34	ALLOW NOT FOUND PLU Allow sale of a Not Found PLU on the register by quickly program it after warning message through Price/HALO → PLU Status Group → Group Link → Descriptor. Default : NO (YES)

Tab	#	Item
	35	<p>SET DEFAULT SEAT# TO 1</p> <p>The System can be programmed to enable individual seat allocation per guest for each tracking file. This allows each person to pay, their share of the overall bill. A total will be calculated for each seat allocated to items on a tracking bill. Normally seat numbers are entered when required. This option will automatically allocate each person seat number 1.</p> <p><i>For function key allocation: S-Mode, KEY FUNCTION, then following the instruction to assign SEAT# function key.</i></p> <p><i>For function key programming: PGM-Mode, FUNCTION KEY → SEAT# (code# 209) for related settings.</i></p> <p>Default : NO (YES)</p>
	36	<p>CONTINUE MACRO WHEN MACRO IS LOOP</p> <p>This prevents macros from running in a continuous sequence.</p> <p>Default : NO (YES)</p>
	37	<p>ENTER TIME FOR TRANSACTION VOID</p> <p>This option forced to enter time before VOID-Mode transaction. By doing this, it ensures that reporting by time period is adjusted appropriately.</p> <p>Default : NO (YES)</p>
	38	<p>SCREEN SAVER (MINUTES)</p> <p>Enter the number of minutes since last button press/tap on the register for screen saver to activate.</p> <p>Default : 10 (1 ~ 99)</p>
	39	<p>ALLOW THE PRESS (NEWSPAPER) CODE PLU</p> <p>Feature is not used in AU/NZ.</p> <p>Default : NO (YES)</p>
	40	<p>ALLOW MULTIPLE MULTIPLICATION</p> <p>This allows X/TIME (multiply) function can be used as multiplication for more than 1 time as multiple multiplication instead of Split Pricing. <i>For example, 5[X/TIME] 1 0 [X/TIME] will end up with 50 times of the item. This option will override split pricing setting.</i></p> <p><i>Please see PGM-Mode, FUNCTION KEY → FUNCTION KEY → X/TIME (code# 244) → ALLOW SPLIT PRICING for related setting.</i></p> <p>Default : NO (YES)</p>
	41	<p>ALLOW TAX SHIFT BY TAKE OUT</p> <p>Use to shift tax only from “take out” transaction. This feature will apply to subsequence items after TAKE OUT is pressed/tapped. TAKE OUT function key is equivalent to DESTINATION2 function key in SPS-530.</p> <p><i>Please see S-Mode, → KEY FUNCTION, make sure DESTINATION2 (TAKE OUT, code# 102) function key has been allocated either on one of the 201 screens or on the one of the 5 keyboard levels.</i></p> <p>Default : NO (YES)</p>
	42	<p>TAX SHIFT:</p> <p>TAX SHIFT (1 ~ 6) function keys can shift tax for following item(s). Choose between ITEM POP UP for single item or TRANS. POP UP for subsequent entries in the same transaction.</p> <p><i>Please see S-Mode, → KEY FUNCTION, make sure that related TAX SHIFT (1 ~ 6, code# 225 ~ 230) function keys have been allocated either on one of the 201 screens or on the one of the 5 keyboard levels.</i></p> <p>Default : ITEM POP UP (TRANS. POP UP)</p>
	43	<p>BASE CURRENCY:</p> <p>Feature is not used in AU/NZ.</p> <p>Default : LOCAL CURRENCY (EURO CURRENCY)</p>

Tab	#	Item			
Option #6	44	<p>ALLOW CLERK INTERRUPT</p> <p>This allows a new clerk (Employee 2) can be signed on to initialize a new transaction (belongs to Employee 2) in the middle of an unfinished transaction (belongs to Employee 1). In this circumstance, the initial transaction is suspended. The clerk (Employee 1) who started the “suspended transaction (belongs to Employee 1)” can sign on again then continue the unfinished transaction.</p> <p><i>Please see S-Mode, MEMORY ALLOCATION → OPTION#2 → 11. # OF LINES PER CHECK/INTERRUPT for related setting.</i></p> <p><i>Also S-Mode, SYSTEM OPTIONS → OPTION#3 → 13. REG#HOLDS CLERK INTERRUPT DATA for related setting.</i></p> <p><i>Also PGM-Mode, SYSTEM OPTION → GENERAL FUNCTION OPTIONS → OPTION#6 → 45. ALLOW FLOATING CLERK, 46 ALLOW CLERK CHANGE WITHOUT SIGN-OFF; OPTION#8 → 69. AUTOMATIC SIGN ON, 70. AUTOMATIC SIGN OFF TIME (MINUTE), 71. AUTOMATIC SCREEN CLEAR TIME (SECOND) for related settings.</i></p> <p>Default : NO (YES)</p>			
	45	<p>ALLOW FLOATING CLERK</p> <p>When more than one SPS-530 is running in the system, this allows an open transaction moving between registers by the clerk who started the transaction signing on to another register.</p> <p>NOTE: Floating Clerk is only working with default IP address settings. Please make sure in S-Mode, SYSTEM OPTION → OPTION#4 → # NETWORK SETTING? is set to NO</p> <p><i>Please see S-Mode, SYSTEM OPTIONS → OPTION#1 → 1. REGISTER # (01-32), 3. IRC : FROM REGISTER #, 4. IRC : TO REGISTER #, 5. IRC # OF RETRIES for IRC settings.</i></p> <p><i>Also refer to information in PGM-Mode, SYSTEM OPTION → GENERAL FUNCTION OPTIONS → OPTION#6 → 44. ALLOW CLERK INTERRUPT for more details.</i></p> <p>Default : NO (YES)</p>			
	46	<p>ALLOW CLERK CHANGE WITHOUT SIGN-OFF</p> <p>When PGM-Mode, SYSTEM OPTION → GENERAL FUNCTION OPTIONS → OPTION#6 → 44. ALLOW CLERK INTERRUPT and/or 45. ALLOW FLOATING CLERK set YES, this option allows clerk change with Sign On/Off procedures happen at background without actually pushing all buttons of the procedures.</p> <p><i>Please refer to information in PGM-Mode, SYSTEM OPTION → GENERAL FUNCTION OPTIONS → OPTION#6 → 44. ALLOW CLERK INTERRUPT, and 45. ALLOW FLOATING CLERK for more details.</i></p> <p>Default : NO (YES)</p>			
	47	<p>GELDARTE LOGIN PASSWORD</p> <p>Feature is not used in AU/NZ.</p> <p>Default : 030000</p>			
	48	<p>SKIP IN NOT FOUND PLU REGISTRATION</p> <p>While programming a Not Found PLU after new item is registered, determine if using default Group Link #1 and/or skip Descriptor programming.</p> <p><i>Please see PGM-Mode, SYSTEM OPTION → GENERAL FUNCTION OPTIONS → OPTION#5 → 34. ALLOW NOT FOUND PLU for related setting.</i></p> <table border="1" style="width: 100%; margin-top: 10px;"> <tr> <td style="text-align: center;">GROUP LINK #1</td> </tr> <tr> <td style="text-align: center;">Default : NO (YES)</td> </tr> <tr> <td style="text-align: center;">DESCRIPTOR</td> </tr> <tr> <td style="text-align: center;">Default : NO (YES)</td> </tr> </table>	GROUP LINK #1	Default : NO (YES)	DESCRIPTOR
GROUP LINK #1					
Default : NO (YES)					
DESCRIPTOR					
Default : NO (YES)					
49	<p>SUBTRACT CHANGE FROM FOREIGN1 TOTAL</p> <p>Feature is not used in AU/NZ.</p> <p>Default : NO (YES)</p>				

Tab	#	Item
	50	RECEIPT STATUS ON OPERATOR DISPLAY This controls whether the ROn / ROff indicator is shown on the REG-Mode display, indicating which mode the receipt printing option is set to. Default : YES [Show] (NO)
	51	AUDIBLE TONE ON HOT LIST Feature is not used in AU/NZ. Default : NO (YES)
Option #7	52	ALLOW CARD ISSUE Feature is not used in AU/NZ. Default : NO (YES)
	53	CHECK CARD BIRTHDAY Feature is not used in AU/NZ. Default : NO (YES)
	54	USE SMART CARD GROUPS Feature is not used in AU/NZ. Default : NO (YES)
	55	CARD READER ENABLE Choose YES to enable internal magnetic card reader. <i>Please contact your dealer for optional peripherals - magnetic card reader</i> Default : NO (YES)
	56	DALLAS KEY COMPULSORY FOR CLERK SIGN ON Choose YES to force clerks sing on with Dallas Key. <i>Please contact your dealer for optional peripherals - Dallas Key Sets.</i> <i>Also see PGM-Mode, EMPLOYEE → EMPLOYEE → OPTION#2 (for each available clerk) → DALLAS KEY LINK for further programming.</i> Default : NO (YES)
	57	ONLY DISPLAY SCREEN WHICH HAS PLU ON SELECT PLU PROGRAM When programming PLUs, the SELECT PLU screen allows you to view and select PLUs as they are placed on Screens (keylinks). If YES is selected, Screens (Keylinks) that do not contain any PLUs are not available to view. Default : NO (YES)
	58	DISPLAY MESSAGE ON POLE A programmable 25-character message can be displayed on an optional pole display. Other options are NONE for display nothing and TIME for showing time on the display. <i>Please see S-Mode, DEFINE PORT for peripherals setting for the remote pole display settings.</i> <i>Also see PGM-Mode, MESSAGES → POLE DISPLAY MESSAGE for related setting.</i> Default : NONE (MESSAGE / TIME)
	59	POLE DISPLAY MESSAGE DIRECTION Choose the direction you wish the pole display message to scroll: LEFT, RIGHT or BOTH to view the message bouncing back and forth. <i>Please see information on PGM-Mode, SYSTEM OPTION → GENERAL FUNCTION OPTIONS → OPTION#7 → 58. DISPLAY MESSAGE ON POLE</i> Default : LEFT (RIGHT / BOTH)
60	ALLOW SALES FOR 0 STOCK ITEMS? When using stock control, select YES for this option will allow sale on the PLU even stock level is 0. <i>Please see PGM-Mode, PLU → PLU STATUS GROUP → OPTION#2 → 16. STOCK PLU? for related setting Also PGM-Mode, PLU → PLU STOCK for further settings.</i> Default : YES (NO)	

Tab	#	Item
	61	<p>ALLOW SALES UNDER MINIMUM STOCK</p> <p>When using stock control and PLU Minimum Stock is programmed, select YES for this option will allow sale on the PLU even stock reaches minimum stock amount. <i>Please see PGM-Mode, PLU → PLU STATUS GROUP → OPTION#2 → 16. STOCK PLU? for related setting Also PGM-Mode, PLU → PLU MINIMUM STOCK for further settings.</i> Default : YES (NO)</p>
Option #8	62	<p>SCREEN SAVER TYPE</p> <p>Use to determine how the Screen Saver is working. Floating will have only one image moving across the screen; and Rotating allows up to 50 images copy into SPS-530. <i>Please see PGM-Mode, SYSTEM OPTION → GENERAL FUNCTION OPTIONS → OPTION#5 → 38. SCREEN SAVER (MINUTES) for related setting.</i> <i>Also S-Mode, KEY FUNCTION → SCREEN DESIGNER → PGM (tab) → KEY PROGRAM (section) → SELECT KEY/IMAGE → [IMAGE] for further image copying procedures.</i> Default : FLOATING (ROTATING)</p>
	63	<p>SHOW REALTIME STOCK ON KBD</p> <p>When a PLU on the touch screen, links to a PLU Status Group with “36. STOCK PLU?” turned YES, this feature will allow to show real stock level on the button. If PGM-Mode, PLU → PLU STOCK is not programmed, “0.00” will show on the button. <i>Please see PGM-Mode, PLU → PLU STATUS GROUP → OPTION#2 → 36. STOCK PLU?, and PGM-Mode, PLU → PLU STOCK for related settings.</i> Default : NO (YES)</p>
	64	<p>SURPRESS SELECTIVE DISCOUNT ERROR MESSAGE</p> <p>If selective discount is used, an error will result if a discount is attempted for an item that is not registered in the transaction. You can choice to suppress that error message here. A promotion table with the “Selective Discount Item list” must be programmed prior using this feature. <i>Please see S-Mode, MEMORY ALLOCATION → OPTION#6 → 30. # OF PROMOTION TABLE for related setting (WARNING!! Backup Program before Changing)</i> <i>Please refer to PGM-Mode, PROMOTION TABLE → PROMO TYPE : SELECTIVE DISC. for the selective discount list programming.</i> <i>Also PGM-Mode, FUNCTION KEY → FUNCTION KEY → 157 ~ 166. % (1 ~ 10) → OPTION#2 → SELECTIVE DISCOUNT? for related setting.</i> Default : NO (YES)</p>
	65	<p>USE STOCK LINK PLU ON PLU PGM</p> <p>This is an additional option for PLU Programming, allows changing what to link between STOCK LINK PLU (original feature), KP DESCRIPTOR PLU (use for the KP descriptor instead of its own descriptor. This allows for a secondary PLU descriptor to print on the KP.) or LINK PLU (use for link to a PLU. This selection will override the LINK PLU# option in PGM-Mode, PLU → PLU STATUS GROUP → OPTION#3 → 17. LINK PLU#). Option made here will apply to PGM-Mode, PLU → PLU ADD & CHANGE → (select PLU) → OPTION#1 → STOCK LINK PLU # Default : STOCK LINK PLU (KP DESCRIPTOR PLU / LINK PLU)</p>
	66	<p>USE SOCIAL SEC # ON EMP. PGM</p> <p>This is an additional option for Employee programming, allows using/importing Axeze Code as Social Security Code. <i>Please refer to S-Mode, DEFINE PORT → SERIAL PORT#1 → DEVICE → AXEZE for Axeze setup. (Axeze is only available on PORT#1)</i> <i>Also see PGM-Mode, EMPLOYEE → EMPLOYEE → SOCIAL SEC# for related setting.</i> Default : SOCIAL SEC # (AXEZE CODE)</p>
	67	<p>INPUT CUSTOMER ID</p> <p>Default : NOT USED (MCR / BARCODE / EITHER)</p>

Tab	#	Item
	68	MEMBERSHIP EXPIRY YEAR (0-5) Default : 0 (0 ~ 5)
	69	AUTOMATIC SIGN ON <i>This option doesn't work with MCR or Axeze.</i> Default : NO (YES)
	70	AUTOMATIC SIGN OFF TIME (MINUTE) Use to setup idle time based on minute, then a signed in employee will be signed off by system automatically. Default : 00 [Not Auto Sign Off] (0 ~ 99)
	71	AUTOMATIC SCREEN CLEAR TIME (SECOND) Use to setup time for information from previous transaction on the screen to be cleared. Default : 00 (0 ~ 99)

General Function Options - Hash Options

☞ On **OPTION#2** tab, Tap **HASH OPTIONS** button of **7. HASH OPTIONS**, **HASH OPTIONS** screen will pop-up. As options are designed in two tabs, tap on “**OPTION#<number>**” tab to browse through all options. Tap **CLOSE** to go back to **GENERAL FUNCTION OPTIONS** screen.

GENERAL FUNCTION OPTIONS	
OPTION#1	OPTION#2
6. CONSOLIDATE LIKE ITEMS	YES
7. HASH OPTIONS	HASH OPTIONS
8. ACTIVATE ROUNDING ON CASH	NO
9. ACTIVATE ROUNDING ON SUBTOTAL	NO
10. ROUNDING SYSTEM	ROUNDING SYSTEM
11. GLOBAL ENTRY LIMET (0-7, 0=NO LMT)	0
12. DIRECT MULTIPLICATION	
ENABLE	NO
MAXIMUM DIGIT (1-5)	5
13. ALLOW PLU PRESET/HALO OVERRIDE	YES
CLOSE	

HASH OPTIONS	
OPTION#1	OPTION#2
ADDS TO GROSS SALE TOTAL	NO
ADDS TO NET SALE TOTAL	NO
UPDATES HASH TTL ON FINAN/SFT RPT	NO
UPDATES TIME PERIOD REPORT	NO
UPDATES EMPLOYEE REPORT	NO
UPDATES GROUP REPORT	NO
UPDATES INDIVIDUAL PLU TOTALS	NO
ADDS TO OVERALL PLU TOTALS	NO
UPDATES DRAWER TOTALS REPORT	NO
UPDATES DAILY SALES REPORT	NO
CLOSE	

HASH OPTIONS	
OPTION#1	OPTION#2
ADJUSTS INVENTORY	NO
CLOSE	

Hash Options Definition

Tab	#	Item
Option #1		ADD TO GROSS SALE TOTAL Default : NO (YES)
		ADD TO NET SALE TOTAL Default : NO (YES)
		UPDATES HASH TTL ON FINAN/SFT RPT Default : NO (YES)
		UPDATES TIME PERIOD REPORT Default : NO (YES)
		UPDATES EMPLOYEE REPORT Default : NO (YES)
		UPDATE GROUP REPORT Default : NO (YES)
		UPDATES INDIVIDUAL PLU TOTALS Default : NO (YES)
		ADDS TO OVERALL PLU TOTALS Default : NO (YES)
		UPDATES DRAWER TOTALS REPORT Default : NO (YES)
		UPDATE DAILY SALES REPORT Default : NO (YES)
Option #2		ADJUSTS INVENTORY Default : NO (YES)

General Function Options - Rounding System

The **ROUNDING SYSTEM** has been designed based on (final) value into 5 ranges. For each (final) value, program its start value and end value. The Rounding System has preset for Australia use. For New Zealand use, please see the screen capture below.

☞ On **OPTION#2** tab, Tap **ROUNDING SYSTEM** button of **10. ROUNDING SYSTEM, ROUND SYSTEM** screen will pop-up. Tap **CLOSE** to go back to **GENERAL FUNCTION OPTIONS** screen.

ROUNDING SYSTEM				
RANGE#	START	END	=	VALUE
1	00	02	=	000
2	03	07	=	005
3	08	09	=	010
4	00	00	=	000
5	00	00	=	000

↑ **Australia** Rounding System

ROUNDING SYSTEM				
RANGE#	START	END	=	VALUE
1	00	04	=	000
2	05	09	=	010
3	00	00	=	000
4	00	00	=	000
5	00	00	=	000

↑ **New Zealand** Rounding System

Tax Options

NOTE: Although **TAX OPTIONS** is programmed here, please see **PGM-Mode, TAXES** for related **Tax Rate** programming.

☞ Tap **TAX OPTIONS** button on the **SYSTEM OPTION PROGRAMMING** window, **TAX OPTIONS** screen will pop-up. As options are designed in two tabs, tap on “**OPTION#<number>**” tab to browse through all options. Tap **CLOSE** to exit.

SYSTEM OPTION PROGRAMMING	
GENERAL FUNCTION OPTIONS	
TAX OPTIONS	
CASH DRAWER OPTIONS	
TRAINING MODE OPTIONS	
LEVEL / MODIFIER OPTIONS	
TRACKING FILE OPTIONS	
KITCHEN PRINTING / VIDEO OPTIONS	
PAGE UP	PAGE DOWN
CLOSE	

TAX OPTIONS	
OPTION#1	OPTION#2
1. TAX ROUNDING FACTOR	UP AT .5
2. VAT SUBTRACTED FROM INDIV PLU TTLS	NO
3. PRINT TAXABLE AMOUNTS ON R/J	NO
4. TAXABLE STATUS INDICATORS	
DISPLAY	NO
PRINT	NO
5. PRINT TAX AMOUNTS AT TENDER	YES
6. PRINT VAT TAX AMOUNTS SEPARATELY	NO
7. TAX PRINT: COMBINED / ITEMIZED	ITEMIZED
8. PRINT TAX EXEMPT DESCRIPTOR/TTLS	NO
CLOSE	

TAX OPTIONS	
OPTION#1	OPTION#2
9. PRINT SUBTOTAL WITHOUT TAX	NO
10. DO NOT SHOW FOOD STAMP INDICATOR	NO
CLOSE	

Tax Options Definition

Tab	#	Item
Option #1	1	TAX ROUNDING FACTOR When calculations on the Tax result in a fraction of a cent, you have the option of rounding UP AT .5 (\$0.005 or greater rounds up; 0.004 or less rounds down) or you can choose to round any fractional calculation ALWAYS UP or ALWAYS DOWN. Default : UP AT .5 (ALWAYS UP, ALWAYS DOWN)
	2	VAT SUBTRACTED FROM INDIV PLU TTLS When tax type is Value Added Tax, this allows to show sales amount without tax on the report. Default : NO (YES)
	3	PRINT TAXABLE AMOUNTS ON R/J This allows to print taxable amount of the transaction on the receipts and journals. Default : NO (YES)
	4	TAXABLE STATUS INDICATORS This determines whether the tax symbol is printed or not when an item is linked to a tax rate.
		DISPLAY Default : NO (YES)
		PRINT Default : NO (YES)
	5	PRINT TAX AMOUNTS AT TENDER This determines whether the amount of TAX charged will be printed on the receipt at finalisation. Default : YES (NO)
	6	PRINT VAT TAX AMT SEPARATELY This determines whether to print the value of net Value Added Tax from sale of on the receipt. Default : NO (YES)
7	TAX PRINT: COMBINED / ITEMIZED This feature allows simplifying tax amount printed on the receipt. When different tax rates are programmed in the system, individual tax total can be printed separately, this is referred to as Itemised. Alternatively all individual tax totals can be added up then displayed and printed, this is referred to as Combined. Default : ITEMIZED (COMBINED)	
8	PRINT TAX EXEMPT DESCRIPTOR/TTLS When item(s) in a transaction is(are) Tax Exempted, this option allows to print Tax Exempt Total on the receipt. Tax exemption works in conjunction with function key system flags been programmed. <i>Please see PGM-Mode, FUNCTION KEY → FUNCTION KEY → CASH (code# 18), CHEQUE/CHECK (code# 21), FD/S TEND (code# 55), DESTINATION 1 ~ 10 (code# 101 ~ 110), MISC TEND 1 ~ 16 (code 119 ~ 134), STORE CHK 1 ~ 4 (code# 214 ~ 217), TAX EXEMPT (code# 224) and TRAY SUBTL (code# 239) for related settings.</i> Default : NO (YES)	
Option #2	9	PRINT SUBTOTAL WITHOUT TAX When printing sales subtotal, this option allows to print subtotal amount without Tax. (NOTE : If Tax is Value Added Tax type, for example: GST, the amount will be the same) Default : NO (YES)
	10	DO NOT SHOW FOOD STAMP INDICATOR Feature is not used in AU/NZ. Default : NO (YES)

Cash Drawer Options

Tap **TAX OPTIONS** button on the **SYSTEM OPTION PROGRAMMING** window, **TAX OPTIONS** screen will pop-up. Tap **CLOSE** to exit.

The image shows a screenshot of the 'SYSTEM OPTION PROGRAMMING' window. On the left is a vertical menu with buttons for 'GENERAL FUNCTION OPTIONS', 'TAX OPTIONS', 'CASH DRAWER OPTIONS', 'TRAINING MODE OPTIONS', 'LEVEL / MODIFIER OPTIONS', 'TRACKING FILE OPTIONS', 'KITCHEN PRINTING / VIDEO OPTIONS', 'PAGE UP', 'PAGE DOWN', and 'CLOSE'. The 'CASH DRAWER OPTIONS' button is highlighted. To the right, the 'CASH DRAWER OPTIONS' screen is displayed, listing nine settings with their current values:

CASH DRAWER OPTIONS	
1. ALLOW SALES WITH DRAWER OPEN	YES
2. C-I-D AMOUNT LIMIT	00000.00
3. OPEN DRAWER DURING X-REPORTS	YES
4. OPEN DRAWER DURING Z-REPORTS	YES
5. ACTIVATE OPEN DRAWER ALARM	NO
6. OPEN DRAWER ALARM TIME	030
7. OPEN EURO & LOCAL CURRENCY DRAWER	NO
8. OPEN REMOTE DRAWER	NO
9. OPEN DRAWER DURING CASH DECLARATION	NO

A 'CLOSE' button is located at the bottom of the 'CASH DRAWER OPTIONS' screen.

Cash Drawer Options Definition

Tab	#	Item
	1	<p>ALLOW SALES WITH DRAWER OPEN This allows sales to be made even when drawer is open. Default : YES (NO)</p>
	2	<p>C-I-D AMOUNT LIMIT Set the maximum amount of cash in drawer before an error tone and message display. The error can be cleared and continued sales are allowed, however the warning continues to sound at the completion of each transaction, until cash is removed from the drawer. Set the amount to 0 to disable the cash in drawer limit warning. Perform a PAID OUT to reduce the CASH-IN-DRAWER totalisers. Default : 00000.00 [No Limit]</p>
	3	<p>OPEN DRAWER DURING X-REPORTS Use to determine if drawer is open when X reports are taken. Default : YES (NO)</p>
	4	<p>OPEN DRAWER DURING Z-REPORTS Use to determine if drawer is open when Z reports are taken. Default : YES (NO)</p>
	5	<p>ACTIVATE OPEN DRAWER ALARM Use to determine if Drawer Open Alarm is enabling or not. When set to YES, this feature works in-conjunction with next option - OPEN DRAWER ALARM TIME. Default : NO (YES)</p>
	6	<p>OPEN DRAWER ALARM TIME Use to set drawer opening time limit, once over the limit, the drawer alarm will go off. This is an additional setting for previous option - ACTIVATE OPEN DRAWER ALARM. Default : 030 (000 ~ 999)</p>
	7	<p>OPEN EURO & LOCAL CURRENCY DRAWER Feature is not used in AU/NZ. Default : NO (YES)</p>
	8	<p>OPEN REMOTE DRAWER Use to open a drawer on a remote register in IRC system. Default : NO (YES)</p>
	9	<p>OPEN DRAWER DURING CASH DECLARATION Use to determine if drawer open during cash declaration procedure. Default : NO (YES)</p>

Training Mode Options

Tap **TRAINING MODE OPTIONS** button on the **SYSTEM OPTION PROGRAMMING** window, **TRAINING MODE OPTIONS** screen will pop-up. Tap **CLOSE** to exit.

The image shows two overlapping windows from a cash register's programming interface. The background window is titled "SYSTEM OPTION PROGRAMMING" and contains several menu options: GENERAL FUNCTION OPTIONS, TAX OPTIONS, CASH DRAWER OPTIONS, TRAINING MODE OPTIONS (highlighted), LEVEL / MODIFIER OPTIONS, TRACKING FILE OPTIONS, KITCHEN PRINTING / VIDEO OPTIONS, PAGE UP, PAGE DOWN, and CLOSE. The foreground window is titled "TRAINING MODE OPTIONS" and contains a list of eight settings, each with a corresponding input field or button:

Option	Value
1. OPEN DRAWER IN TRAINING MODE	NO
2. TRAINING EMPLOYEE FILE #	0
3. ALLOW REAR DISPLAY IN TRAINING	NO
4. SEND ORDERS TO KP/KV IN TRAINING	NO
5. PRINT JOURNALS IN TRAINING	NO
6. PRINT RECEIPTS IN TRAINING	NO
7. PRINT "TRAINING"	YES
8. STOCK IS DEDUCTED IN TRAINING MODE	NO

A "CLOSE" button is located at the bottom of the "TRAINING MODE OPTIONS" window.

Training Mode Options Definition

Tab	#	Item
	1	<p>OPEN DRAWER IN TRAIN MODE Use to determine if cash drawer is opening in training mode as cash drawer is not normally require to open during staff training. Default : NO (YES)</p>
	2	<p>TRAINING EMPLOYEE FILE # Use to select an employee file to be used as a training employee. All training activities and total will then appear on the Employee report. <i>To print a report for training employee, please see X/Z-Mode, X/Z EMPLOYEE REPORTS → INDIVIDUAL EMPLOYEE, then select the training employee number set here.</i> Default : 0/00/000 (0 ~ "Number of Employee in S-Mode, MEMORY ALLOCATION")</p>
	3	<p>ALLOW REAR DISPLAY IN TRAINING Use to determine if rear display is showing activities in training mode as the rear display can be disable. (NOTE : Not working on v0.99z) Default : NO (YES)</p>
	4	<p>SEND ORDER TO KP/V IN TRAINING Use to determine if sending training activities to KP/KV as normal. Default : NO (YES)</p>
	5	<p>PRINT JOURNALS IN TRAINING Use to determine if sending training activities to journal. Default : NO (YES)</p>
	6	<p>PRINT RECEIPTS IN TRAINING Use to determine if sending training activities to receipt printer. Default : NO (YES)</p>
	7	<p>PRINT "TRAINING" Use to determine if the indicator "*****TRAINING*****" appear on operator display and printed on receipt. <i>Please see PGM-Mode, SYSTEM OPTION → GENERAL FUNCTION OPTIONS → TRAINING MODE OPTIONS → 6. PRINT RECEIPTS IN TRAINING for related setting.</i> Default : YES (NO)</p>
	8	<p>STOCK IS DEDUCTED IN TRAINING MODE Use to determine if stock to be deducted for the PLU's current stock holding, whilst sales are made during training. <i>Please see PGM-Mode, PLU → PLU STATUS GROUP → OPTION#2 → STOCK PLU?, PGM-Mode, PLU → PLU STOCK and maybe PGM-Mode, PLU → PLU MINIMUM STOCK for related settings.</i> Default : NO (YES)</p>

Level / Modifier Options

Tap **LEVEL / MODIFIER OPTIONS** button on the **SYSTEM OPTION PROGRAMMING** window, **LEVEL/MODIFIER OPTIONS** screen will pop-up. As options are designed in two tabs, tap on “**OPTION#<number>**” tab to browse through all options. Tap **CLOSE** to exit.

SYSTEM OPTION PROGRAMMING	
GENERAL FUNCTION OPTIONS	
TAX OPTIONS	
CASH DRAWER OPTIONS	
TRAINING MODE OPTIONS	
LEVEL / MODIFIER OPTIONS	
TRACKING FILE OPTIONS	
KITCHEN PRINTING / VIDEO OPTIONS	
PAGE UP	PAGE DOWN
CLOSE	

LEVEL/MODIFIER OPTIONS		LEVEL/MODIFIER OPTIONS	
OPTION#1	OPTION#2	OPTION#1	OPTION#2
1. DEFAULT PRICE LEVEL	01	11. PRINT PRICE LEVEL DESC. ON KP	NO
2. APPLY MODIFIER TO CODE ENTRY PLUS	YES	12. PRINT PRICE LEVEL DESC. ON E3	NO
3. MODIFIER OVERWRITES PREV MODIFIER	NO	13. DEFAULT KEYBOARD LEVEL	01
4. USE MODIFIER HISTORY	NO	14. KEYBOARD LEVEL	STAY DOWN
5. USE CLERK'S PRICE SHIFT LEVEL	NO		
6. EXIT TO MAIN SCREEN AT DONE KEY ONCE	NO		
7. DEFAULT SCREEN (0-200)	000		
8. EXIT TO MAIN SCREEN AT FINALIZATION	NO		
9. USE CLERK'S DEFAULT SCREEN LEVEL	NO		
10. PRINT PRICE LEVEL DESC. ON RECEIPT	NO		
CLOSE		CLOSE	

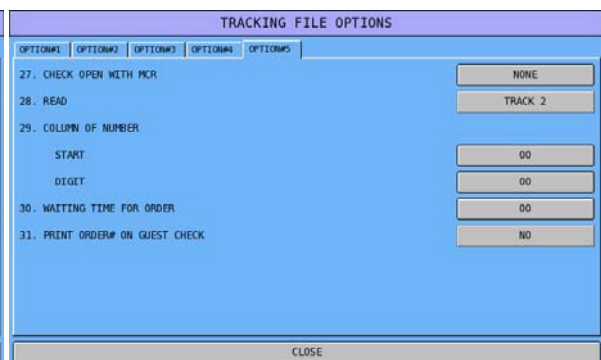
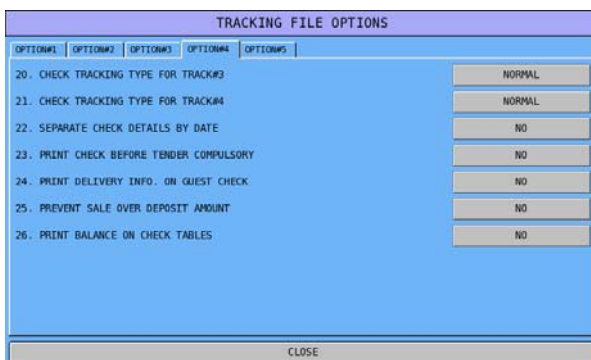
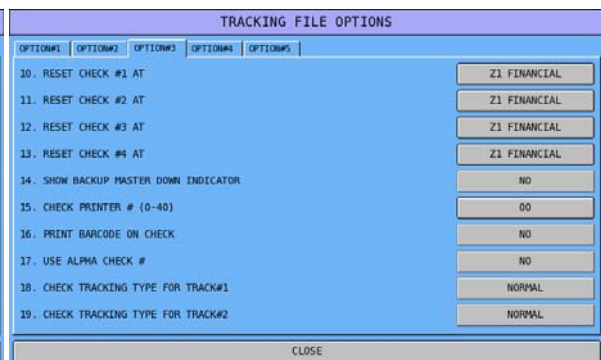
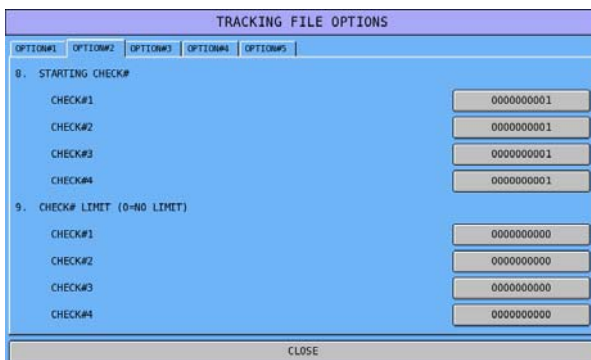
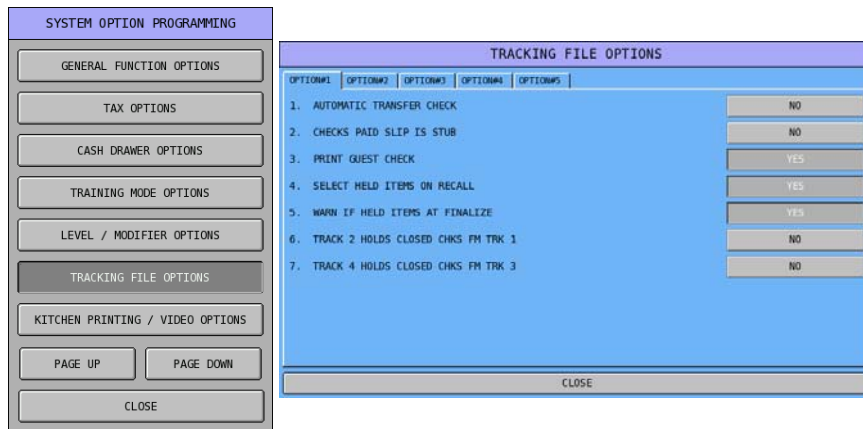
Level / Modifier Options Definition

Tab	#	Item
Option #1	1	<p>DEFAULT PRICE LEVEL</p> <p>The terminal has five prices per product where that price can be allocated from any one of twenty price bands, which can be price activated for sale using a different price level key per price. This option determines which price level will be loaded as standard when the machine is turned on. The PRICE LEVEL 1 ~ 20 (code# 170 ~ 189) keys will be required to switch from this level to an alternative. (Not quite right on SPS-530)</p> <p><i>Please see PGM-Mode, FUNCTION KEY → FUNCTION KEY → PRICE LVL 1 ~ 20 (code# 170 ~ 189) → PRICE LEVEL IS for related setting.</i></p> <p><i>Also see PGM-Mode, EMPLOYEE → EMPLOYEE → OPTION#2 → DEFAULT PRICE LEVEL, then PAGE UP / PAGE DOWN through to all clerks available to setup different screen level for a clerk/employee.</i></p> <p>Default : 01 (01 ~ 20)</p>
	2	<p>APPLY MODIFIER TO CODE ENTRY PLUS</p> <p>Modifier could restrict to only screen/keyboard PLU only. This option allows modifier to work on code entry PLUs.</p> <p>Default : YES (NO)</p>
	3	<p>MODIFIER OVERWRITES PREV MODIFIER</p> <p>Use this feature to determine if a PLU can only be modified once or different modifiers affect different digit positions could be mixed used. For example, set to YES when a modifier is used for small/medium/large, or set to NO for size, crust type and/or toppings could be.</p> <p>Default : NO (YES)</p>
	4	<p>USE MODIFIER HISTORY</p> <p>Use to determine if multiple modifiers will display in the message line before a main PLU is registered.</p> <p>Default : NO (YES)</p>
	5	<p>USE CLERK'S PRICE SHIFT LEVEL</p> <p>When a different Price Level is assigned to a clerk, use this to determine if global default Price Level is overridden by clerk Price Level.</p> <p><i>Please see PGM-Mode, EMPLOYEE → EMPLOYEE → OPTION#2 → DEFAULT PRICE LEVEL, then PAGE UP / PAGE DOWN through to all clerks available.</i></p> <p>Default : NO (YES)</p>
	6	<p>EXIT TO MAIN SCREEN AT DONE KEY ONCE</p> <p>Use to determine if allow to exit/go to Main Screen (screen code# 0) by press/tap DONE button.</p> <p>Default : NO (YES)</p>
	7	<p>DEFAULT SCREEN (0-200)</p> <p>The terminal has 201 completely independent Screens available in the system. Use this option to determine which screen will be loaded as standard Screen when machine is turned on.</p> <p><i>Please see PGM-Mode, EMPLOYEE → EMPLOYEE → OPTION#2 → DEFAULT SCREEN LEVEL (0-200), then PAGE UP / PAGE DOWN through to all clerks available to setup different screen level for a clerk/employee.</i></p> <p>Default : 000 [Main Screen] (000 ~ 200)</p>
	8	<p>EXIT TO MAIN SCREEN AT FINALIZATON</p> <p>Use to determine if exit to Main Screen (screen code# 0) automatically at the end of a sale.</p> <p>Default : NO (YES)</p>
	9	<p>USE CLERK'S DEFAULT SCREEN LEVEL</p> <p>When a different Screen is assigned to a clerk/employee, use this to determine if global default Screen is overridden by clerk/employee Screen.</p> <p><i>Please see PGM-Mode, EMPLOYEE → EMPLOYEE → OPTION#2 → DEFAULT SCREEN LEVEL (0-200), then PAGE UP / PAGE DOWN through to all clerks/employees available.</i></p> <p>Default : NO (YES)</p>

Tab	#	Item
	10	PRINT PRICE LEVEL DESC. ON RECEIPT Use to determine if Price Level descriptor print on Receipt or not. Default : NO (YES)
Option #2	11	PRINT PRICE LEVEL DESC. ON KP Use to determine if Price Level descriptor print on KP (Kitchen Printer) or not. Default : NO (YES)
	12	PRINT PRICE LEVEL DESC. ON EJ Use to determine if Price Level descriptor print on EJ (Electronic Journal) or not. Default : NO (YES)
	13	DEFAULT KEYBOARD LEVEL The terminal has five complete independent keyboards programmed into the system. This option determines which level of keyboard will be loaded as standard when the machine is turned on. The KEYBD LVL 1 ~ 5 (code# 59 ~ 63) keys will be required to switch from this level to an alternative. Default : 01 (01 ~ 05)
	14	KEYBOARD LEVEL To switch between keyboard levels can be used in three ways. Firstly STAY DOWN, this is when the new keyboard level selected will remain until an alternative KEYBD LVL# is pressed. The second option is TRANS. POP UP, this allows the keyboard to stay during one transaction before returning to default keyboard level. The third option is ITEM POP UP, this force the return to the default keyboard level before next item is registered. Default : STAY DOWN (TRANS. POPUP / ITEM POPUP)

Tracking File Options

Tap **TRACKING FILE OPTIONS** button on the **SYSTEM OPTION PROGRAMMING** window, **TRACKING FILE OPTIONS** screen will pop-up. As options are designed in five tabs, tap on “**OPTION#<number>**” tab to browse through all options. Tap **CLOSE** to exit.



Tracking File Options Definition

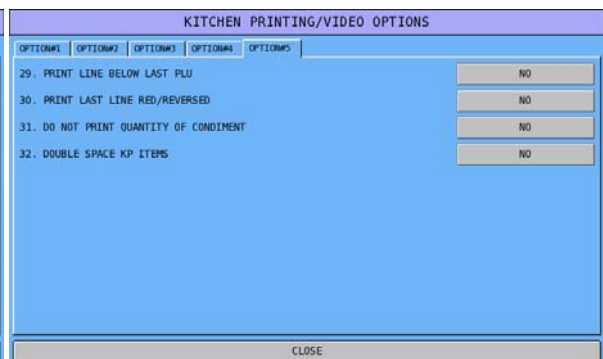
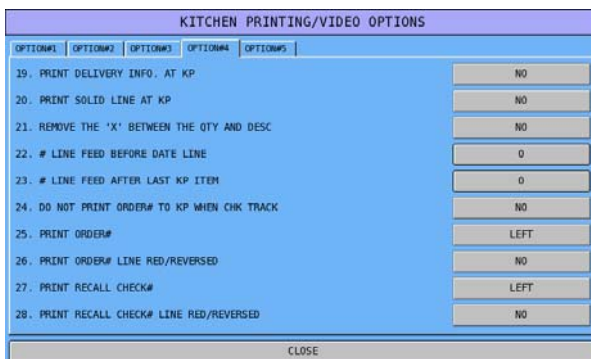
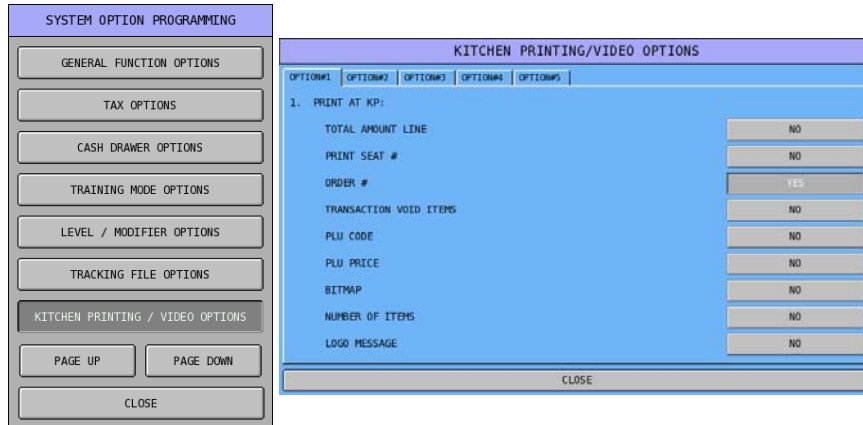
Tab	#	Item
Option #1	1	AUTOMATIC TRANSFER CHECK This refers to re-assigning a check opened by one employee to another employee. This automation allows transfer when an employee opens a check, or changes the operator whilst a check is open. Default : NO (YES)
	2	CHECKS PAID SLIP IS STUB This produces an abbreviated bill, showing only financial information only. Default : NO (YES)
	3	PRINT GUEST CHECK This prevents guest bills being printed at the terminal, even if a print check key is programmed, design to program the terminal as an order, not payment register. Default : YES (NO)
	4	SELECT HELD ITEMS ON RECALL The terminal operates a system, which allows the operator to prevent items being printed in the kitchen until requested. This is a feature used in-conjunction with the check tracking files allowing all held items to be automatically selected ready for printing the moment the check is opened. The items on hold are highlighted when a check is re-opened, eliminating the need to manual select each held item. The next stage pressing of PRINT HOLD will send the items to the printer. Default : YES (NO)
	5	WARN IF HELD ITEMS AT FINALIZE This indicates to the employee when a bill is being cashed off, that there were items still on hold that have not being printed. Default : YES (NO)
	6	TRACK 2 HOLD CLOSED CHKS FM TRK 1 If this flag is activated, TRACK 2 is not to be used as a normal open check balance storage system. It is an archive for closed checks, which were opened on tracking method 1. As a check is closed on tracking method 1, the data is stored in check files 2, available for reporting by printing OPEN CHECK TRACK#2 The maximum file size for data storage is determined by the MAXIMUM NUMBER of checks set in the memory allocation. Default : NO (YES)
	7	TRACK 4 HOLD CLOSED CHKS FM TRK 3 If this flag is activated, TRACK 4 is not to be used as a normal open check balance storage system. It is an archive for closed checks, which were opened on tracking method 3. As a check is closed on tracking method 4, the data is stored in check files 3, available for reporting by printing OPEN CHECK TRACK#4 The maximum file size for data storage is determined by the MAXIMUM NUMBER of checks set in the memory allocation. Default : NO (YES)
Option #2	8	STARTING CHECK# When using the auto check number generation system this is the number from which the checks will begin to be generated, each file can have a different starting number.
		CHECK#1 Default : 0000000001
		CHECK#2 Default : 0000000001
		CHECK#3 Default : 0000000001
		CHECK#4 Default : 0000000001

Tab	#	Item
	9	<p>CHECK# LIMIT (0=NO LIMIT) This is the maximum number that can be automatically generated by the terminal, and works in conjunction with the starting check number, when the limit is reached the message, buffer full will appear until one of the existing checks is finalised.</p> <p>CHECK#1 Default : 0000000000</p> <p>CHECK#2 Default : 0000000000</p> <p>CHECK#3 Default : 0000000000</p> <p>CHECK#4 Default : 0000000000</p>
Option #3	10	<p>RESET CHECK #1 AT When running a system with automatic check number generation, the check numbers can be reset back to the starting check number at one of three stages. Default : Z1 FINANCIAL (Z1 OPEN CHECK / NEVER)</p>
	11	<p>RESET CHECK #2 AT Default : Z1 FINANCIAL (Z1 OPEN CHECK / NEVER)</p>
	12	<p>RESET CHECK #3 AT Default : Z1 FINANCIAL (Z1 OPEN CHECK / NEVER)</p>
	13	<p>RESET CHECK #4 AT Default : Z1 FINANCIAL (Z1 OPEN CHECK / NEVER)</p>
	14	<p>SHOW BACKUP MASTER DOWN INDICATOR If the system is programmed to allow the live check tracking data to be stored in another terminal, this feature will check IRC status every time when the IRC network is interrogated. Then provide an indicator on the register display. Default : NO (YES)</p>
	15	<p>CHECK PRINTER # (0-40) This is the printer number to which the checks are printed. <i>Printer #0 is default for internal printer.</i> Default : 00 (0 ~ 40)</p>
	16	<p>PRINT BARCODE ON CHECK This allows printing the barcode based on the check number. The barcode then can be recalled by scanning the barcode. Default : NO (YES)</p>
	17	<p>USE ALPHA CHECK # This allows using customer's name or any information as the check "number". A keyboard automatically display for input. The check can be recalled by name or from the check list. Default : NO (YES)</p>
	18	<p>CHECK TRACKING TYPE FOR TRACK#1 Choose between NORMAL and DEPOSIT for Check Tracking type. Choose NORMAL if payment is made in one lot; choose DEPOSIT if charge posting where partial payment and/or credit balance are allowed. The RECD ACCT 1 ~ 5 (Received Account 1 ~ 5, code# 201 ~ 205) key is needed for post payment. <i>Please see S-Mode, KEY FUNCTION to assign one of the RECD ACCT key to keyboard.</i> Default : NORMAL (DEPOSIT)</p>
19	<p>CHECK TRACKING TYPE FOR TRACK#2 Default : NORMAL (DEPOSIT)</p>	

Tab	#	Item
Option #4	20	CHECK TRACKING TYPE FOR TRACK#3 Default : NORMAL (DEPOSIT)
	21	CHECK TRACKING TYPE FOR TRACK#4 Default : NORMAL (DEPOSIT)
	22	SEPARATE CHECK DETAILS BY DATE When CHECK TRACKING TYPE is set to DEPOSIT, set this option to YES will lists items sorted by sale date. Default : NO (YES)
	23	PRINT CHECK BEFORE TENDER COMPULSORY When set to YES, a check must be printed before payment is tendered. Default : NO (YES)
	24	PRINT DELIVERY INFO. ON GUEST CHECK When set to YES, the delivery information (name, address, etc. from the customer delivery record) will print on the Guest Check. <i>Please see S-Mode, MEMORY ALLOCATION → OPTION#6 → 35. DELIVERY TABLE(0-9999) for related setting.</i> <i>Please see PGM-Mode, SYSTEM OPTION → GENERAL PRINTING OPTIONS → OPTION#6 → 39. PRINT DELIVERY INFO. ON RECEIPT for related setting.</i> Default : NO (YES)
	25	PREVENT SALE OVER DEPOSIT AMOUNT When CHECK TRACKING TYPE is set to DEPOSIT, a CREDIT amount must be maintained. Set YES of this option will prevent items sale to a check when the balance exceed zero. Default : NO (YES)
	26	PRINT BALANCE ON CHECK TABLES Use to determine if print balance of the check on check table. Default : NO (YES)
Option #5	27	CHECK OPEN WITH MCR Use to allow opening a check by swipe a card through MCR. Select a check file to be used with this feature. NONE for not using this feature. Default : NONE (CHECK #1 / CHECK #2 / CHECK #3 / CHECK #4)
	28	READ MCR TRACK : Select between track2 and track 3 in the magnetic strip on the card to read. Default : TRACK 2 (TRACK 3)
	29	COLUMN OF NUMBER ON THE MCR TRACK : When open check by MCR, program the number for the beginning column in the string of digits and the length of the digit(s) in the string of digits in order to use the range of digits as a CHECK#.
		START Default : 00 (0 ~ 99)
		DIGIT Default : 00 (0 ~ 99)
30	WAITING TIME FOR ORDER (MINUTE) Use to set a waiting time limit in minute for an opened check. When reached the limit but a opened check is still not serviced, the alarm will go off. Set to 0 for no alarm. Default : 00 [Alarm Off] (0 ~ 99)	
31	PRINT ORDER# ON GUEST CHECK Use to determine if the ORDER# print on Guest Check or not. Default : NO (YES)	

Kitchen Printing / Video Options

Tap **KITCHEN PRINTING / VIDEO OPTIONS** button on the **SYSTEM OPTION PROGRAMMING** window, **KITCHEN PRINTING/VIDEO OPTIONS** screen will pop-up. As options are designed in five tabs, tap on “**OPTION#<number>**” tab to browse through all options. Tap **CLOSE** to exit.



Kitchen Printing / Video Options Definition

Tab	#	Item
Option #1	1	PRINT AT KP: This controls what will be printed to KP docket (or display on Kitchen Video - TBC).
		TOTAL AMOUNT LINE Default : NO (YES)
		PRINT SEAT # Default : NO (YES)
		ORDER # Default : YES (NO)
		TRANSACTION VOID ITEMS Default : NO (YES)
		PLU CODE Default : NO (YES)
		PLU PRICE Default : NO (YES)
		BITMAT Default : NO (YES)
		NUMBER OF ITEMS Default : NO (YES)
		LOGO MESSAGE Default : NO (YES)
Option #2	1	PRINT AT KP: NUMBER OF TOTAL ITEMS Default : NO (YES)
	2	ENABLE SORT KP BY KP GROUP # Use to create "priority print". For example, if you wish to group appetizers at the beginning of the chit, then entrees next, place appetizers in a kitchen printer group with a lower numeric value than the value of the group to which entrees are reported. <i>Please see P-Mode, PLU → PLU STATUS GROUP → OPTION#4 → 29. PRINT ON KP GROUP# for related setting; also P-Mode, FUNCTION KEY → PRINT (#190) → AUTOMATICALLY PRINT MEAL ORDERLY.</i> Default : YES (NO)
	3	# LINE FEED AT BEGIN OF KP PRINT Use to enter the number of lines to feed before beginning Kitchen Printer print. Default : 00 (00 ~ 99)
	4	# LINE FEED AT END OF KP PRINT Use to enter the number of lines to feed before beginning Kitchen Printer print. Default : 00 (00 ~ 99)
	5	COMBINE LIKE ITEMS ON KP OR KVS Use to determine how identical items in a transaction appear on the KP or KVS - a quantity with item name or listed individually. When YES is set, same item with different condiment items will override the setup and appear itemising. Default : YES (NO)
	6	SEND ORDER TO KP AT SUBTOTAL Use to change the timing of sending order to KP when SUBTOTAL is pressed. Normally, the order is sent at CASH. Default : NO (YES)

Tab	#	Item
	7	SEND ORDER TO KVS ON SUBTOTAL Use to change the timing of sending order to KVS when SUBTOTAL is pressed. Normally, the order is sent at CASH. Default : NO (YES)
	8	PRINT VOIDED ORDERS AT KP OR KVS Use to determine if a voided order will print to KV or KVS or not. Default : NO (YES)
	9	KP IS: REAL TIME / BATCH Real time means that each item will print at the printer when the next item is entered (one item delay). Batch means that the entire order will print when the order is finalized. Default : BATCH (REAL TIME)
Option #3	10	KVS IS: REAL TIME / BATCH Real time means that each item will display at the screen when the next item is entered (one item delay). Batch means that the entire order will display when the order is finalized. Default : BATCH (REAL TIME)
	11	USE KP ROUTER When in an IRC network with KP Routing, use this option to determine if this register will have its own KP Routing or use same KP Routing as all other registers. <i>For KP Routing, please P-Mode, PRINTER & KV ROUTING for detail.</i> Default : THE SAME FOR ALL REG (REGISTER SEPERATELY)
	12	KP ORDER# When in an IRC network with KP Order# activated, the order number can be generated as combine the 2 digits register number then 2 digits consecutive number, or a unique Global Order number across the entire IRC network. Use this option to determine which is good to you. <i>Before change to Global Order#, please see S-Mode, SYSTEM OPTION →OPTION#2 → 12. REG# HOLDS KP GLOBAL ORDER#.</i> Default : COMBINE REG#&CONS# (GLOBAL ORDER#)
	13	DISPLAY KP TIME PERIOD# In KP Routing programming, there are 4 KP Routing Time Periods can be programmed. Use this option to determine if KP Time Period# is display or not. When set to YES, one of #1 ~ #4 will appear at the bottom of operator display as KP Time Period. <i>Please see P-Mode, PRINTER & KP ROUTING → KITCHEN PRINTER ROUTING for setting up; also P-Mode, TIME → TIME ACTIVATE FUNCTIONS → KP TIME PERIOD for related settings.</i> Default : NO (YES)
	14	DISPLAY KP ORDER # Use this option to determine if KP Order number will appear at the bottom of operator display at the end of transaction. Default : NO (YES)
	15	SEPARATE KP BY KP GROUP # Use this to determine if you wish to separate items from different KP Groups and issue separate kitchen printer tickets for items from each KP Group. Default : NO (YES)
	16	SEPARATE KP BY KP ITEM Use to produce a separate requisition for each main item. Default : NO (YES)
	17	USE SPECIAL KP ORDER FORM Use to print additional KP docket of individual item on KP Printer after the full KP docket is printed.. Default : NO (YES)

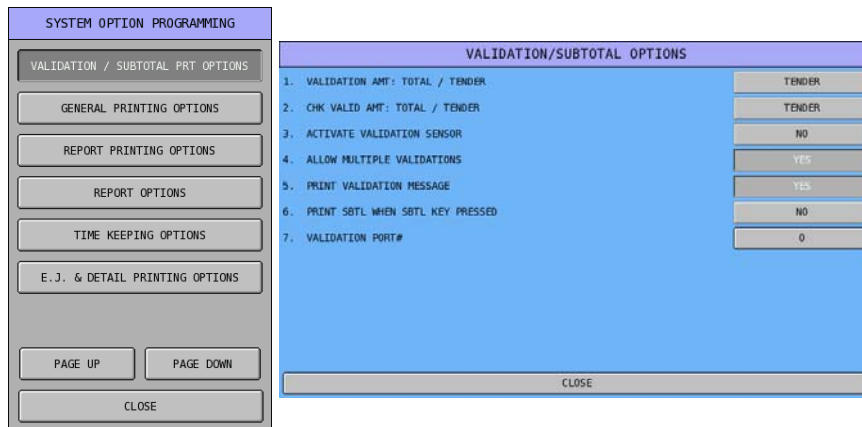
Tab	#	Item
	18	DIGIT ORDER # This is additional option when use Global Order#. Use to change the length of Global Order#. <i>Please see 12. KP ORDER#, make sure it sets to GLOBAL ORDER#.</i> Default : 4 (2 / 6)
	18	SEND ALPHA TEXT TO KP Use to print Alpha Text entered on Kitchen Printing docket. <i>Please see S-Mode, KEY FUNCTION to allocate ALPHA TEXT (code# 250) function key on the Key Links (Screen)/Keyboard.</i> Default : NO (YES)
Option #4	19	PRINT DELIVERY INFO. ON KP When Delivery features is in use, use to determine if delivery information prints on KP. <i>Please see S-Mode, MEMORY ALLOCATION → OPTION#6 → 25. DELIVERY TABLE(0-9999) for related settings.</i> <i>Also S-Mode, SYSTEM OPTION → OPTION#3 → 17. TRACK# HOLDS DELIVERY TABLE to assign a check for Delivery Table.</i> Default : NO (YES)
	20	PRINT SOLID LINE AT KP Use this to print an additional line below ORDER# on KP. Default : NO (YES)
	21	REMOVE THE 'X' BETWEEN THE QTY AND DESC Use to remove the "X" between quantity and item name on the KP. This will leave 2 extra spaces for item name. Default : NO (YES)
	22	# LINE FEED BEFORE DATA LINE Use to enter the number of lines to feed before Data Line. <i>NOTE: This feature is duplication from 3. # LINE FEED AT BEGIN OF KP PRINT</i> Default : 0 (0 ~ 9)
	23	# LINE FEED AFTER LAST KP ITEM Use to enter the number of lines to feed between last item and consecutive#/reg#/employee#/time line. Default : 0 (0 ~ 9)
	24	DO NOT PRINT ORDER# TO KP WHEN CHK TRACK Use to NOT print KP Order# on KP docket when running Check Track (in order to reduce confusion) Default : NO (YES)
	25	PRINT ORDER# Use to adjust alignment of the Order# on the KP docket. Default : LEFT (RIGHT)
	26	PRINT ORDER# LINE RED/REVERSED Use to determine if Order# line is printed Red/Inversed . Default : NO (YES)
	27	PRINT RECALL CHECK# Use to adjust alignment of the Recall Check# on the KP docket. Default : LEFT (RIGHT)
	28	PRINT RECALL CHECK# LINE RED/REVERSED Use to determine if Recall Check# line is printed Red/Inversed . Default : NO (YES)

Tab	#	Item
Option #5	29	PRINT LINE BELOW LAST PLU Use this to print an additional line below/after last item on the KP docket Default : NO (YES)
	30	PRINT LAST LINERED/RESERVED Use to determine if last line (consecutive#/reg#/employee#/time) on KP docket is printed Red/Inversed . Default : NO (YES)
	31	DO NOT PRINT QUANTITY OF CONDIMENT Use to remove quantity digit(s) of condiment item on KP docket. Default : NO (YES)
	32	DOUBLE SPACE KP ITEMS Use to add a blank line between items on KP docket. Default : NO (YES)

Validation / Subtotal PRT Options

NOTE: To validate, you must attach a printer with validation capability to each register that will validate.

Tap **TRAINING MODE OPTIONS** button on the **SYSTEM OPTION PROGRAMMING** window, **TRAINING MODE OPTIONS** screen will pop-up. Tap **CLOSE** to exit.

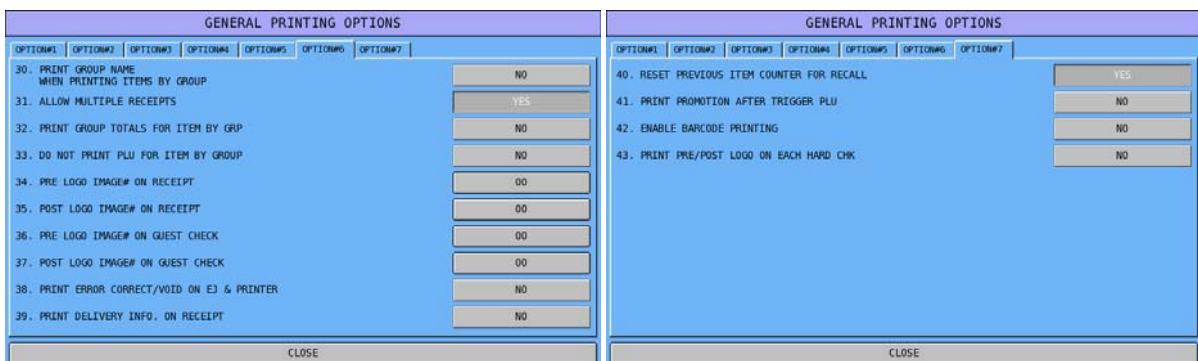
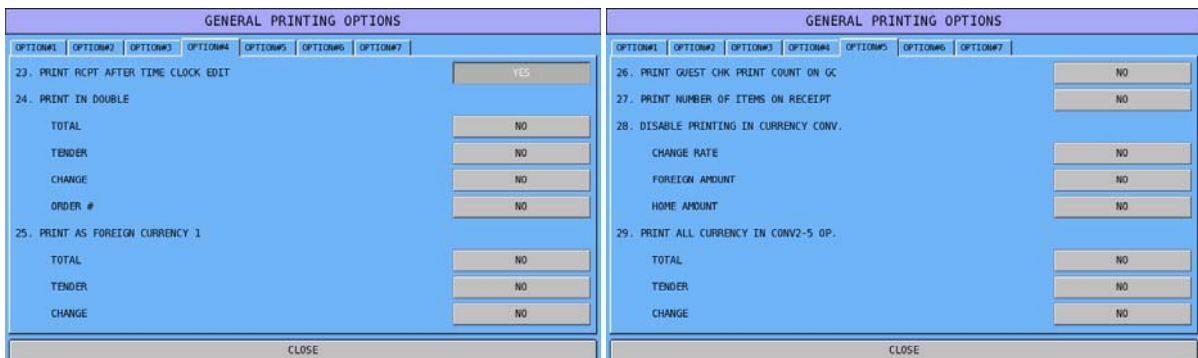
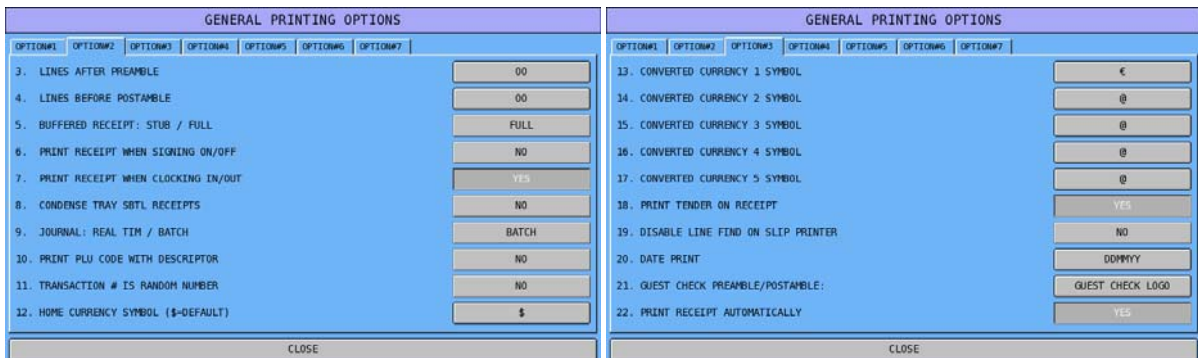
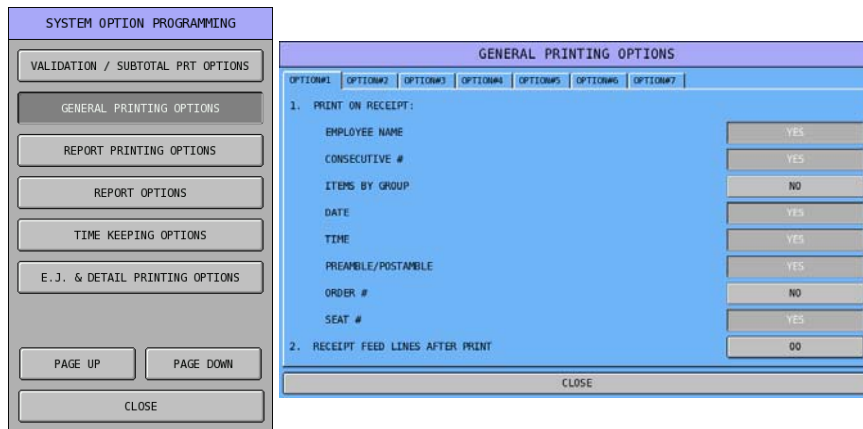


Validation / Subtotal PRT Options Definition

Tab	#	Item
	1	VALIDATION AMT: TOTAL / TENDER For sale validation, you can select either the amount of the sale or the amount of the tender as the amount to print on the validation. Default : TENDER (TOTAL)
	2	CHK VALID AMT: TOTAL / TENDER For check sale validation, you can select either the amount of the sale or the amount of the tender as the amount to print on the validation. Default : TENDER (TOTAL)
	3	ACTIVATE VALIDATION SENSOR When the validation printer used is equipped with paper sensor and the operator requires guidance as to whether the paper is inserted correctly, then set this option to YES. The validation printer must equip with paper sensor. Default : NO (YES)
	4	ALLOW MULTIPLE VALIDATIONS Used when multiple validations for a single transaction is needed. Default : YES (NO)
	5	PRINT VALIDATION MESSAGE When set to YES, please see <i>PGM-Mode, MESSAGE</i> → <i>VALIDATION MESSAGE</i> for three lines validation message programming. Default : YES (NO)
	6	PRINT SBTL WHEN SBTL KEY PRESSED Use to allow a Subtotal to be printed whenever the key is pressed, providing mid-sale total as well as the final subtotal. Default : NO (YES)
	7	VALIDATION PORT# Indicate the port on the register that is connected to the validation printer. After tap the button, S-Mode Port# selection window will pop-up. Default : 0

General Printing Options

Tap **GENERAL PRINTING OPTIONS** button on the **SYSTEM OPTION PROGRAMMING** window, **GENERAL PRINTING OPTIONS** screen will pop-up. As options are designed in seven tabs, tap on “**OPTION#<number>**” tab to browse through all options. Tap **CLOSE** to exit.



General Printing Options Definition

Tab	#	Item
Option #1	1	PRINT ON RECEIPT: This controls what will be printed to Receipt docket.
		EMPLOYEE NAME Default : YES (NO)
		CONSECUTIVE # Default : YES (NO)
		ITEMS BY GROUP Default : NO (YES)
		DATE Default : YES (NO)
		TIME Default : YES (NO)
		PREAMBLE/POSTAMBLE Default : YES (NO)
		ORDER # Default : NO (YES)
		SEAT # Default : YES (NO)
	2	RECEIPT FEED LINES AFTER PRINT Use to enter the number of lines to feed after the last line of receipt. Default : 00 (0 ~ 99)
Option #2	3	LNES AFTER PREAMBLE Use to enter the number of lines to feed between the last line of Preamble Message and Date line . Default : 00 (0 ~ 99)
	4	LNES BEFORE POSTAMBLE Use to enter the number of lines to feed between consecutive#/reg#/employee#/time line and the first line of Postamble Message . Default : 00 (0 ~ 99)
	5	BUFFERED RECEIPT: STUB / FULL (always buffer FULL as v0.99z) Use to determine how to buffer receipt content. When choice FULL , both item(s) and financial subtotal will be buffered in the memory before next transaction; STUB will only buffers abbreviated financial stub info. <i>This feature is only buffering FULL information as firmware v0.99z.</i> Default : FULL (STUB)
	6	PRINT RECEIPT WHEN SIGNING ON/OFF Use to determine if a ticket is printed when a clerk signing ON/OFF. Default : NO (YES)
	7	PRINT RECEIPT WHEN CLOCKING IN/OUT Use to determine if a ticket is printed when a clerk clocking ON/OFF. Default : YES (NO)

Tab	#	Item
	8	<p>CONDENSE TRAY SBTL RECEIPTS In cafeteria situation, multi trays from different persons maybe paid together. Use this feature to issue one receipt, but items are separated according to each tray. Subtotal for each tray is also listed. When use this feature, a function key TRAY SUBTL (code# 239) is needed. <i>Please see S-Mode, KEY FUNCTION to allocate TRAY SUBTL on either K/B or Key Link (Screen).</i> Default : NO (YES)</p>
	9	<p>DETAIL: REAL TIM / BATCH Use to determine the timing of the detail printing on journal printer (and journal updating to electronic journal) is line by line (Real Time) or at transaction finalisation (Batch). Default : BATCH (REAL TIME)</p>
	10	<p>PRINT PLU CODE WITH DESCRIPTOR Normally, PLU descriptor is printed on the Receipt/Detail also send to Electronic Journal. If PLU code is also needed for any reason, use this option to print PLU code along with PLU descriptor. Default : NO (YES)</p>
	11	<p>TRANSACTION # IS RANDOM NUMBER Transaction number is preset to be a sequential number, if any reason that a random number is preferred, use this option to generate a random transaction number. Default : NO (YES)</p>
	12	<p>HOME CURRENCY SYMBOL (\$=DEFAULT) Use to select a home currency symbol. Default : \$</p>
Option #3	13	<p>CONVERTED CURRENCY 1 SYMBOL Use to select currency symbol to be used for the currency conversion function key. Default : €</p>
	14	<p>CONVERTED CURRENCY 2 SYMBOL Default : @</p>
	15	<p>CONVERTED CURRENCY 3 SYMBOL Default : @</p>
	16	<p>CONVERTED CURRENCY 4 SYMBOL Default : @</p>
	17	<p>CONVERTED CURRENCY 5 SYMBOL Default : @</p>
	18	<p>PRINT TENDER ON RECEIPT Use to determine if the financial subtotal section (includes: Subtotal, Amount Tendered and Change) on the receipt is printed. Default : YES (NO)</p>
	19	<p>DISABLE LINE FIND ON SLIP PRINTER When an optional slip printer is used, use this option to disable the line find on the slip printer when needed. This feature also can be used when using a receipt printer for Hard Check printing. Default : NO (YES)</p>
	20	<p>DATE PRINT Use to select date printing format. Default : DDMMYY (MMDDYY / YYMMDD)</p>

Tab	#	Item
	21	GUEST CHECK PREAMBLE/POSTAMBLE: Use to determine whether header/footer message is printed and which message is used when print. <i>Please see P-Mode, MESSAGE → LOGO MESSAGES and GUEST CHECK LOGO MSG for related programming.</i> Default : LOGO MESSAGE (NONE / GUEST CHECK LOGO)
	22	PRINT RECEIPT AUTOMATICALLY Use to determine if receipt is printed automatically. Default : NO (YES)
Option #4	23	PRINT RECEIPT AFTER TIME CLOCK EDIT Use to determine if a docket is printed after <i>X-Mode, TIME CLOCK EDIT</i> modification is done. <i>Please see S-Mode, MEMORY ALLOCATION → OPTION#5 → 29. REPORT SECTION TABLE → TIME KEEPING one of the Z1 ~ Z5 is selected.</i> <i>Also S-Mode, SYSTEM OPTION → OPTION#2 → REG# HOLDS TIME IN/OUT DATA is set.</i> Default : YES (NO)
	24	PRINT IN DOUBLE Use to print double width font on the following items.
		TOTAL Default : NO (YES)
		TENDER Default : NO (YES)
		CHANGE Default : NO (YES)
		ORDER # Default : NO (YES)
	25	PRINT AS FOREIGN CURRENCY 1 When using Foreign Currency 1, this feature helps to deal with the necessity of dual pricing in Foreign Currency 1. Each of the following determines when the home currency rate is to be printed along with the Foreign Currency 1.
		TOTAL Default : NO (YES)
		TENDER Default : NO (YES)
		CHANGE Default : NO (YES)
Option #5	26	PRINT GUEST CHK PRINT COUNT ON GC Guest Check has a counter to indicate who many times the account has been processed, use this option to determine to print this counter or not. Default : NO (YES)
	27	PRINT NUMBER OF ITEMS ON RECEIPT Use to determine if the total number of item in the transaction is printed on the receipt. Default : NO (YES)
	28	DISABLE PRINTING IN CURRENCY CONV. When using Currency Conversion, use to determine if the following items is not printed.
		CHANGE RATE Default : NO (YES)
		FOREIGN AMOUNT Default : NO (YES)

Tab	#	Item
		HOME AMOUNT Default : NO (YES)
	29	PRINT ALL CURRENCY IN CONV2-5 OP. When using Currency conversion, use to determine if the following items is printed.
		TOTAL Default : NO (YES)
		TENDER Default : NO (YES)
		CHANGE Default : NO (YES)
Option #6	30	PRINT GROUP NAME WHEN PRINTING ITEMS BY GROUP When print items by group on receipt, use this option to determine if to print group name at beginning of the group. Default : NO (YES)
	31	ALLOW MULTIPLE RECEIPTS Use to allow multiple printing the receipt of the last transaction. Default : YES (NO)
	32	PRINT GROUP TOTALS FOR ITEM BY GRP When print items by group on receipt, use this option to determine if to print group total for each group. Default : NO (YES)
	33	DO NOT PRINT PLU FOR ITEM BY GROUP When print items by group on receipt, use this option to determine if to print individual items of the group. Default : NO (YES)
	34	PRE LOGO IMAGE# ON RECEIPT After up to 15 image logo(s) has been downloaded into SPS-500, enter the number of the logo to print in Receipt header area. Default : 00 (0 ~ 15)
	35	POST LOGO IMAGE# ON RECEIPT After up to 15 image logo(s) has been downloaded into SPS-500, enter the number of the logo to print in Receipt footer area. Default : 00 (0 ~ 15)
	36	PRE LOGO IMAGE# ON GUEST CHECK After up to 15 image logo(s) has been downloaded into SPS-500, enter the number of the logo to print in Guest Check header area. Default : 00 (0 ~ 15)
	37	POST LOGO IMAGE# ON GUEST CHECK After up to 15 image logo(s) has been downloaded into SPS-500, enter the number of the logo to print in Guest Check footer area. Default : 00 (0 ~ 15)
	38	PRINT ERROR CORRECT/VOID ON EJ & PRINTER Use to determine if to print Error Correction / Item Void information on detail printer and EJ Default : NO (YES)

Tab	#	Item
	39	<p>PRINT DELIVERY INFO. ON RECEIPT</p> <p>When set to YES, the delivery information (name, address, etc. from the customer delivery record) will print on the Receipt.</p> <p><i>Please see S-Mode, MEMORY ALLOCATION → OPTION#6 → 35. DELIVERY TABLE(0-9999) for related setting.</i></p> <p><i>Please see PGM-Mode, SYSTEM OPTION → TRACKING FILE OPTIONS → OPTION#4 → 24. PRINT DELIVERY INFO. ON GUEST CHECK for related setting.</i></p> <p>Default : NO (YES)</p>
Option #7	40	<p>RESET PREVIOUS ITEM COUNTER FOR RECALL</p> <p>When running Check Tracking, there is an item count printed at the end of Guest Check. The item count can be use to either show “total items” or “new items only” in the Guest Check account. Use this option to determine is counter is used as ”total items” (NO) or “new items only” (YES)</p> <p>Default : YES (NO)</p>
	41	<p>PRINT PROMOTION AFTER TRIGGER PLU</p> <p>Default : NO (YES)</p>
	42	<p>ENABLE BARCODE PRINTING</p> <p>Default : NO (YES)</p>
	43	<p>PRINT PRE/POST LOGO ON EACH HARD CHK</p> <p>Use to determine if Preamble/Postamble messages print on Hard Check every time when Hard Check is printed. This feature is better when using a standard slip printer to print Hard Check.</p> <p><i>Please see OPTION#3 → 19. DISABLE LINE FIND ON SLIP PRINTER for related setting.</i></p> <p>Default : NO (YES)</p>

Report Printing Options

Tap **REPORT PRINTING OPTIONS** button on the **SYSTEM OPTION PROGRAMMING** window, **REPORT PRINTING OPTIONS** screen will pop-up. As options are designed in three tabs, tap on “**OPTION#<number>**” tab to browse through all options. Tap **CLOSE** to exit.

The screenshot shows the 'SYSTEM OPTION PROGRAMMING' window with several menu items. The 'REPORT PRINTING OPTIONS' button is highlighted in a darker shade, indicating it is the selected option.

The two screenshots show the 'REPORT PRINTING OPTIONS' screen with different tabs selected. The left screenshot shows options 5 through 14, and the right screenshot shows options 15 and 16.

Option Number	Description	Current Setting
1.	ZERO SKIP:	
	FINANCIAL REPORT	YES
	PLU REPORT	YES
	EMPLOYEE REPORT	YES
	GROUP REPORT	YES
	TIME PERIOD REPORT	YES
	ALL OTHER REPORTS WHEN PRINTING	YES
2.	PRINT % OF SALES ON PLU REPORT	NO
3.	PRINT LINKED GROUPS ON PLU REPORT	NO
4.	PROMO/WASTE TOTALS ON PLU RPT	NO
5.	INDIV ITEM USAGE QTY ON PLU RPT	NO
6.	COUNT ON TIME REPORT IS	CUSTOMER
7.	USE FUNCTION KEY DESCRIPTOR IN RPT	REPORT DESCRIPTOR
8.	PRINT MCH STK RPT AFTER FINAN. RPT	NO
9.	PRINT GRAND TOTAL ON FINANCIAL RPT	YES
10.	PRINT GROUPS BY EMPLOYEE REPORT AFTER EMPLOYEE REPORT	NO
11.	PRINT PLU PROFIT ON PLU REPORT	NO
12.	PRINT HASH SYMBOL	YES
13.	PRINT VOID/RETURN TTL ON FIN.	YES
14.	PRINT AUCTION TTL ON FIN.	YES
15.	PRINT TIME ON REPORTS	NO
16.	PRINT OPEN CHECK TOTAL ON FIN. REPORT	NO

Report Printing Options Definition

Tab	#	Item
Option #1	1	<p>ZERO SKIP: Use to determine whether to print or skip total with zero value on each of the listed reports.</p>
		<p>FINANCIAL REPORT Default : YES (NO)</p>
		<p>PLU REPORT Default : YES (NO)</p>
		<p>EMPLOYEE REPORT Default : YES (NO)</p>
		<p>GROUP REPORT Default : YES (NO)</p>
		<p>TIME PERIOD REPORT Default : YES (NO)</p>
		<p>ALL OTHER REPORTS WHEN PRINTING Default : YES (NO)</p>
	2	<p>PRINT % OF SALES ON PLU REPORT On PLU Report, a percentage can be print for each item. The percentage is based on the total sales value of each item against total sales value. Use this option to determine if the percentage prints. Default : NO (YES)</p>
3	<p>PRINT LINKED GROUPS ON PLU REPORT On PLU Report, a Linked Groups can be print for each item. An item (PLU) can be linked to up to 3 different groups. Use this option to determine if the Linked Group information prints. <i>The first Linked Group is programmed in individual PLU itself; the second and the third are programmed in PLU STATUS GROUP which an individual PLU is linked to.</i> Default : NO (YES)</p>	
4	<p>PROMO/WASTE TOTALS ON PLU RPT On PLU Report, two notations of both Promo and Waste can be print for each item. These indicate the numbers of item has been registered as Promo and Waste. Use this option to determine if the Promo/Waste information prints. When WASTE is used, “***** WASTE *****” will print on top of all reports and stay there, until PROMO function key is used as firmware v0.99z <i>This feature requires PROMO (code# 193)/WASTE (code# 242) function keys on keyboard. Please refer to S-Mode, Key Function for related programming.</i> Default : NO (YES)</p>	
Option #2	5	<p>INDIV ITEM USAGE QTY ON PLU RPT On PLU Report, a Usage Quantity note can be print for each item. The notation helps to understand about how many item is sold. Use this option to determine if the usage quantity prints. Default : NO (YES)</p>
	6	<p>COUNT ON TIME REPORT IS On TIME Reports, use this option to determine if the counter is Customer or Guest. In a cash sale, one transaction normally treats as one customer. However, in a restaurant, when GUEST # function key is used, one transaction could be more than one customer. Use GUEST # function key to enter the number of guests then showing the figure on the report can help to find out the sales situation of a restaurant. <i>This feature requires GUEST # (code #56) function keys on keyboard. Please refer to S-Mode, Key Function for related programming.</i> Default : CUSTOMER (GUEST)</p>

Tab	#	Item
	7	<p>USE FUNCTION KEY DESCRIPTOR IN RPT On Financial/Employee Reports, the report items include totals for some function keys. The descriptor that appears on the report can be the programmed function key descriptor or the report descriptor. Use this option to determine which one to use. <i>Please refer to P-Mode, MESSAGES → REPORT DESCRIPTORS for detail.</i> Default : REPORT DESCRIPTOR (PROGRAMMED FUNC. KEY DESCRIPTOR)</p>
	8	<p>PRINT MIN.STK RPT AFTER FINAN. RPT After the Financial Report is printed, a Minimum Stock Report can be print automatically. Use this to determine if a Minimum Stock Report prints after Financial Report. Default : NO (YES)</p>
	9	<p>PRINT GRND TOTAL ON FINANCIAL RPT At the end of Financial Report, a section contain GRAND TOTAL(NEG), GRAND TOTAL(NET) and GRAND TOTAL(GROSS) is printed. Use this to determine if this section prints. <i>Please note, when choose NO, the whole section includes GRAND TOTAL(NEG), GRAND TOTAL(NET) and GRAND TOTAL(GROSS) will then not print all together.</i> Default : YES (NO)</p>
	10	<p>PRINT GROUP BY EMPLOYEE REPORT AFTER EMPLOYEE REPORT Use to determine if Group by Employee Report (under Group Reports) is print automatically after Employee Report (under Employee Reports) Default : NO (YES)</p>
	11	<p>PRINT PLU PROFIT ON PLU REPORT On all reports under PLU Reports, use to add PLU Profit (TOTAL PROFIT) at the end of the report. Default : NO (YES)</p>
	12	<p>PRINT HASH SYMBOL Default : YES (NO)</p>
	13	<p>PRINT VOID/RETURN TTL ON FIN. On Financial Report, use this option to determine if VOID (PREVIOUS VOID)/RETURN (MDSE RETURN) total prints. Default : YES (NO)</p>
	14	<p>PRINT AUDACTION TTL ON FIN. On Financial Report, use this option to determine is a report item - audaction prints. The audaction is a sum of transactions end up with Negative value. Default : YES (NO)</p>
Option #3	15	<p>PRINT TIME ON REPORTS On All Reports, use to add an additional time stamp in Date line on the report regardless the time located at the bottom of the report (consecutive#/reg#/employee#/time line). Default : NO (YES)</p>
	16	<p>PRINT OPEN CHECK TOTAL ON FIN. REPORT On Financial Report, when Check Tracking is in use and any of the Check Track files has unpaid check, use this option to print a line of Open Check Total of each Check Track file in the Financial Report. Default : NO (YES)</p>

Report Options

Tap **REPORT OPTIONS** button on the **SYSTEM OPTION PROGRAMMING** window, **REPORT OPTIONS** screen will pop-up. As options are designed in four tabs, tap on “**OPTION#<number>**” tab to browse through all options. Tap **CLOSE** to exit.

SYSTEM OPTION PROGRAMMING

REPORT OPTIONS

OPTION#1
OPTION#2
OPTION#3
OPTION#4

1. ONLY TTL ON PRODUCT MIX GROUP RPT	<input type="button" value="NO"/>
2. ONLY ITEMS WITH ACTUAL INV ENTRY	<input type="button" value="NO"/>
3. CASH DECLARATION COMPULSORY	<input type="button" value="NO"/>
4. ENFORCE ACTUAL INVENTORY BEFORE Z1	<input type="button" value="NO"/>
5. RETAIN ACTUAL INV ENTRIES IN X1	<input style="background-color: #cccccc;" type="button" value="YES"/>
6. RESET PLU REPORT AT INVENTORY Z17	<input type="button" value="NO"/>
7. RESET INVENTORY REPORT AT PLU Z17	<input type="button" value="NO"/>
8. TIME KEEPING: MINUTES / 100UNITS	<input type="button" value="MINUTES"/>
9. OMET TAX TOTALS FROM NET SALES GT	<input type="button" value="NO"/>
10. ALLOW Z OF OPEN CHECK REPORTS	<input type="button" value="YES"/>

REPORT OPTIONS

OPTION#1
OPTION#2
OPTION#3
OPTION#4

11. CONFIRM BEFORE TOTALS RESET ON Z	<input type="button" value="NO"/>
12. RESET AFTER FINANCIAL Z REPORT:	
GROSS SALE GT	<input type="button" value="NO"/>
NET SALES GT	<input type="button" value="NO"/>
NEGATIVE SALES GT	<input type="button" value="NO"/>
Z COUNTER	<input type="button" value="NO"/>
CONSECUTIVE #	<input type="button" value="NO"/>
EMPLOYEE KEY LINK	<input type="button" value="NO"/>
13. VOID MODE TOTALS ADD TO GRAND TTLS	<input type="button" value="YES"/>

REPORT OPTIONS

OPTION#1
OPTION#2
OPTION#3
OPTION#4

14. ALLOW Z WITH OPEN ORDERS	
CHECK#1	<input type="button" value="NO"/>
CHECK#2	<input type="button" value="NO"/>
CHECK#3	<input type="button" value="NO"/>
CHECK#4	<input type="button" value="NO"/>
15. ONLY ITEMS WITH CURRENT INVENTORY	<input style="background-color: #cccccc;" type="button" value="YES"/>
16. ALLOW Z WITH OPEN CLERKS	<input type="button" value="NO"/>
17. PLU COST PRICE LEVEL (0 - 20)	<input type="button" value="00"/>
18. ENABLE INVENTORY REPORTING WITHOUT ACTUAL INVENTORY INPUT	<input type="button" value="NO"/>
19. RESET EMP. KEY LINK AFTER Z EMP. RPT	<input type="button" value="NO"/>

REPORT OPTIONS

OPTION#1
OPTION#2
OPTION#3
OPTION#4

20. ALLOW FIN. Z WITH INTERRUPTED CLERK SALES	<input type="button" value="NO"/>
21. USE MANUAL SHIFT CHANGE	<input type="button" value="NO"/>
22. DEFAULT SHIFT LEVEL : 1 - 4	<input type="button" value="1"/>

Report Options Definition

Tab	#	Item
Option #1	1	ONLY TTL ON PRODUCT MIX GROUP RPT On Product Mix Report , the detail - sales by time period can be skipped. Use this to determine if prints a complete Product Mix Report or only total of the report. Default : NO (YES)
	2	ONLY ITEMS WITH ACTUAL INV ENTRY On Inventory Report (reporting ingredients from receipt system), Use this to determine if ONLY item(s) with actual inventory activated and stock level programmed prints to the report. <i>Please note: an Inventory Report require IRC. Make sure S-Mode, S-MODE SYSTEM OPTION → OPTION#1 → 3. ~ 5. are setup correctly and working. When run this report, the IRC check box has to be ticked to avoid the error message.</i> Default : NO (YES)
	3	CASH DECLARATION COMPULSORY Use to determine if Cash Declaration is compulsory. When set to YES, Cash Declaration has to be performed before running any report and this will affect all reports. This encourages accurate reporting and over/short amount are calculated and printed. Default : NO (YES)
	4	ENFORCE ACTUAL INVENTORY BEFORE Z1 On Z1 Inventory Reports , use this option to ensure inventory adjustment for current level before Z1 reporting. Default : NO (YES)
	5	RETAIN ACTUAL INV ENTRIES IN X1 On X1 Inventory Report , use this to determine if actually inventory entries are retained after reporting. When inventory spot-checks on selected item is planed, this option should set to NO. Default : YES (NO)
	6	RESET PLU REPORT AT INVENTORY Z1? A Z1 All PLUs Report can automatically run then reset after a Z1 Inventory Report . Use this option to determine if a Z1 All PLUs Report will automatically run. Default : NO (YES)
	7	RESET INVENTORY REPORT AT PLU Z1? A Z1 Inventory Report can automatically run then reset after a Z1 All PLUs Report . Use this option to determine if a Z1 Inventory Report will automatically run. Default : NO (YES)
	8	TIME KEEPING: MINUTES / 100UNITS On Time Keeping Report , the hours worked can recorded and calculated in minutes or decimal units of an hour. Use this to determine which way you want. Default : MINUTES (100UNITS)
	9	OMIT TAX TOTALS FROM NET SALES GT On Financial Report , Tax Total can be omit from GRAND TOTAL(NET). Use this to determine if Tax Total is omitted. Default : NO (YES)
	10	ALLOW Z OF OPEN CHECK REPORTS After Z Open Check Report , all unpaid total in open check account will be reset in the machine memory. This option assumes that all checks opened will be paid therefore the unpaid total can be reset. Use this to determine if a Z Open Check Report is allowed even there still check(s) is still open. Default : YES (NO)
Option #2	11	CONFIRM BEFORE TOTALS RESET ON Z When running a Z report , the Totals may reset to zero. Use this to determine if a message is displayed on the screen before execute the Z report and reset the Totals. Default : NO (YES)

Tab	#	Item
	12	RESET AFTER FINANCIAL Z REPORT: Use to determine which totals and counters are reset when a Z1 Financial Report is executed.
		GROSS SALE GT Default : NO (YES)
		NET SALES GT Default : NO (YES)
		NEGATIVE SALES GT Default : NO (YES)
		Z COUNTER Default : NO (YES)
		CONSECUTIVE # Default : NO (YES)
		EMPLOYEE KEY LINK Default : NO (YES)
	13	VOID MODE TOTALS ADD TO GRAND TTLS On the report , Grand Totals are normally about Positive Sales Totals. With Void Mode activities, which is Negative Totals, use this to determine if add into Grand Totals. Normally, it is not, this is used for certain environments where it is applicable. Default : YES (NO)
Option #3	14	ALLOW Z WITH OPEN ORDERS Use to determine if a Z Report is allowed when any check/order/account remains open in each Check Track File.
		CHECK#1 Default : NO (YES)
		CHECK#2 Default : NO (YES)
		CHECK#3 Default : NO (YES)
		CHECK#4 Default : NO (YES)
	15	ONLY ITEMS WITH CURRENT INVENTORY On Product Reports , use to determine if only print out ingredients that have actual stock figure entered. Default : YES (NO)
	16	ALLOW Z WITH OPEN CLERKS On All Z-Reports , use this to determine if reporting is allowed when any Clerk Interrupt Sales is not finalised. Default : NO (YES)
	17	PLU COST PRICE LEVEL (0 – 20) For Food Cost Report , use this to assign one of the Price Level function key to link to PLU Price Level, where the PLU cost is entered, in order to report PLU cost, profit, and profit ratio. <i>Please refer to Price Level 1 ~ 20 function key for related settings.</i> Default : 00 (00 ~ 20)
18	ENABLE INVENTORY REPORTING WITHOUT ACTUAL INVENTORY INPUT On Products Reports , use this to determine if using theoretical values as actual inventory without activated through X/Z-Mode, EDIT INVENTORY ITEM function. Default : NO (YES)	

Tab	#	Item
	19	RESET EMP. KEY LINK AFTER Z EMP.RPT When use First Clock-in First Log-in techniques, use this to reset EMPLOYEE #1 ~ #10 function key link after Z Employee Report. Default : NO (YES)
Option #4	20	ALLOW FIN. Z WITH INTERRUPTED CLERK SALES When Clerk Interrupted is activated, if any Clerk Interrupted Sales is not finalised, a Z-Financial report will not allow to run in order to avoid data lost. Use this option to allow Z-Financial Report. Default : NO (YES)
	21	USE MANUAL SHIFT CHANGE Default : NO (YES)
	22	DEFAULT SHIFT LEVEL : 1 - 4 Default : 1 (1 ~ 4)

Time Keeping Options

Tap **TIME KEEPING OPTIONS** button on the **SYSTEM OPTION PROGRAMMING** window, **TIME KEEPING OPTIONS** screen will pop-up. Tap **CLOSE** to exit.

SYSTEM OPTION PROGRAMMING	
VALIDATION / SUBTOTAL PRT OPTIONS	
GENERAL PRINTING OPTIONS	
REPORT PRINTING OPTIONS	
REPORT OPTIONS	
TIME KEEPING OPTIONS	
E.J. & DETAIL PRINTING OPTIONS	
PAGE UP	PAGE DOWN
CLOSE	

TIME KEEPING OPTIONS	
1. OVERTIME HOUR IS USED FOR	DAY
2. HOURS PER OVERTIME STARTS	008
3. OVERTIME FACTOR	1.5
4. ENFORCE OUT FOR BREAK OR OUT ENTRY	YES
5. TIP REPORTING % OF SALES	00.0000
6. EMPLOYEE TIME-IN/OUT	CLOCK IN CODE
7. AUTO TIME OUT TIME (HOUR)	00
8. CURRENT EMPLOYEE SIGN OFF AFTER CLOCK OUT	NO
CLOSE	

Time Keeping Options Definition

Tab	#	Item
Option #1	1	<p>OVERTIME HOUR IS USED FOR Select between Day and Week to set the base for overtime calculation. <i>Please refer to next option for related setting.</i> Default : DAY (WEEK)</p>
	2	<p>HOURS PER OVERTIME STARTS Use to set basic working hours; when previous option sets to DAY, enter basic working hour a day; when sets to WEEK, enter basic working hour for a week. All hours exceed the number sets here will calculate in overtime rate. <i>Please refer to previous option before enter the number of hour.</i> Default : 008 [based on DAY] (0 ~ 999)</p>
	3	<p>OVERTIME FACTOR Enter the factor times which the standard pay rate is multiplied to determine overtime pay. i.e. enter 1.5 if rate is time and one half, or enter 2.0 if rate is double time. Default : 1.5 (0.0 ~ 9.9)</p>
	4	<p>ENFORCE OUT FOR BREAK OR OUT ENTRY When clocking out there is a choice for [OUT FOR BREAK] or [OUT]. ??? Default : YES (NO)</p>
	5	<p>TIP REPORTING % OF SALES The tips earned can be calculated as a ratio of sales that each employee has achieved. This is the percentage value employees will earn. If Yes, the percentage entered here is calculated and reported on the Employee report. Default : 00.0000 (0 ~ 99.9999)</p>
	6	<p>EMPLOYEE TIME-IN/OUT There are various employee restrictions for clocking on to the system. The standard register sign on code can be used as the clock in code, or one of the alternatives is the separate clock in code can be allocated; another alternative is using Fingerprint when a fingerprint reader is attached and setup in the system. This option determines which method is to be used for time in/out operation. Default : CLOCK IN CODE (EMPLOYEE# / FINGERPRINT)</p>
	7	<p>AUTO TIME OUT TIME (HOUR) Default : 00 (0 ~ 99)</p>
	8	<p>CURRENT EMPLOYEE SIGN OFF AFTER CLOCK OUT Default : NO (YES)</p>

E.J. & Detail Printing Options

Tap **E.J. & DETAIL PRINTING OPTIONS** button on the **SYSTEM OPTION PROGRAMMING** window, **E.J. & DETAIL PRINTING OPTIONS** screen will pop-up. As options are designed in three tabs, tap on “**OPTION#<number>**” tab to browse through all options. Tap **CLOSE** to exit.

SYSTEM OPTION PROGRAMMING

VALIDATION / SUBTOTAL PRT OPTIONS

GENERAL PRINTING OPTIONS

REPORT PRINTING OPTIONS

REPORT OPTIONS

TIME KEEPING OPTIONS

E.J. & DETAIL PRINTING OPTIONS

PAGE UP PAGE DOWN

CLOSE

E.J. & DETAIL PRINTING OPTIONS

OPTION#1 OPTION#2 OPTION#3

1. ACTIVATE ELECTRONIC JOURNAL?

2. DISPLAY E.J. BUFFER FULL WARNING?

3. E.J. OVERRIDE WHEN BUFFER FULL?

4. SEND TO ELECTRONIC JOURNAL:

CASH TRANSACTIONS

CHEQUE TRANSACTIONS

MISC TENDER TRANSACTIONS

TRANSACTIONS WITH %

RECD ACCT & PAID OUT

RETURN TRANSACTIONS

CLOSE

E.J. & DETAIL PRINTING OPTIONS

OPTION#1 OPTION#2 OPTION#3

4. SEND TO ELECTRONIC JOURNAL:

TRANSACTIONS WITH ERR. CORR&VOID

NO SALES

CANCEL TRANSACTIONS

TRANSACTIONS WITH NEGATIVE ITEMS

REPORTS

PROGRAM SCANS

CHECK TRACKING

CLERK INTERRUPT

ALPHA TEXT

CLOSE

E.J. & DETAIL PRINTING OPTIONS

OPTION#1 OPTION#2 OPTION#3

5. SEND TO DETAIL:

TRANSACTIONS WITH NEGATIVE ITEMS

REPORTS

PROGRAM SCANS

TRANSACTIONS WITHOUT NEGATIVE ITEMS

6. SEND TO ELECTRONIC JOURNAL:PLU CODE

CLOSE

E.J. & Detail Printing Options Definition

Tab	#	Item					
Option #1	1	<p>ACTIVATE ELECTRONIC JOURNAL? This enables the electronic journal, allowing storage of selected transaction(s) made on the terminal and then are stored to the memory for reporting. <i>Please see S-Mode, MEMORY ALLOCATION → OPTION#3 → 19. # OF LINES FOR ELECTRONIC JOURNAL to assign memory for electronic journal.</i> <i>Please see PGM-Mode, SYSTEM OPTION → E.J. & DETAIL PRINTING OPTIONS → OPTION#1 and OPTION#2 → 4.SEND TO ELECTRONIC JOURNAL: for features selection.</i> Default : NO (YES)</p>					
	2	<p>DISPLAY E.J. BUFFER FULL WARNING? The terminal has a maximum number of lines allocated in the initial memory allocation. When this is reached the terminal can display a warning indicating it is time to take a reset report. Please print or backup E.J. before reset if not sure. <i>Please refer to S-Mode, MEMORY ALLOCATION → OPTION#3 → 19. # OF LINES FOR ELECTRONIC JOURNAL to see the maximum lines for E.J..</i> <i>Please refer to next option for related setting.</i> Default : NO (YES)</p>					
	3	<p>E.J. OVERRIDE WHEN BUFFER FULL? When the maximum limit is reached a reset can be forced to clear the totals. The alternative is to start at the oldest information stored and begin to overwrite the information, providing a continuous loop. It should be noted, the oldest data is overwritten and cannot be reported on. <i>Please refer to S-Mode, MEMORY ALLOCATION → OPTION#3 → 19. # OF LINES FOR ELECTRONIC JOURNAL to see the maximum lines for E.J..</i> <i>Please refer to previous option for related setting.</i> Default : NO (YES)</p>					
	4	<p>SEND TO ELECTRONIC JOURNAL: All information can be sent to the terminal and when reported extracted as required i.e. all Cash Transactions, Voids etc. The alternative is to send only the information that you require. This will save on the memory required, as only part information is stored. The system then ceases to operate as a true journal of all transactions but provides a monitoring system for the information that you require tracking. The available choices are:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">CASH TRANSACTIONS Default : NO (YES)</td> </tr> <tr> <td style="text-align: center;">CHECK TRANSACTIONS Default : NO (YES)</td> </tr> <tr> <td style="text-align: center;">MISC TENDER TRANSACTIONS Default : NO (YES)</td> </tr> <tr> <td style="text-align: center;">TRANSACTIONS WITH % Default : NO (YES)</td> </tr> <tr> <td style="text-align: center;">RECD ACCT & PAID OUT Default : NO (YES)</td> </tr> <tr> <td style="text-align: center;">RETURN TRANSACTIONS Default : NO (YES)</td> </tr> </table>	CASH TRANSACTIONS Default : NO (YES)	CHECK TRANSACTIONS Default : NO (YES)	MISC TENDER TRANSACTIONS Default : NO (YES)	TRANSACTIONS WITH % Default : NO (YES)	RECD ACCT & PAID OUT Default : NO (YES)
CASH TRANSACTIONS Default : NO (YES)							
CHECK TRANSACTIONS Default : NO (YES)							
MISC TENDER TRANSACTIONS Default : NO (YES)							
TRANSACTIONS WITH % Default : NO (YES)							
RECD ACCT & PAID OUT Default : NO (YES)							
RETURN TRANSACTIONS Default : NO (YES)							
Option #2	4	<p>SEND TO ELECTRONIC JOURNAL:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">TRANSACTIONS WITH ERR.CORR&VOID Transactions with Error Correction or Void. Default : NO (YES)</td> </tr> <tr> <td style="text-align: center;">NO SALES Default : NO (YES)</td> </tr> </table>	TRANSACTIONS WITH ERR.CORR&VOID Transactions with Error Correction or Void . Default : NO (YES)	NO SALES Default : NO (YES)			
	TRANSACTIONS WITH ERR.CORR&VOID Transactions with Error Correction or Void . Default : NO (YES)						
NO SALES Default : NO (YES)							

Tab	#	Item
		<p>CANCEL TRANSACTIONS Default : NO (YES)</p>
		<p>(ONLY) TRANSACTIONS WITH NEGATIVE ITEMS** When set to YES, will only send transactions with negative items, % entries, tenders, etc. to the journal regardless all other settings. Default : NO (YES)</p>
		<p>REPORTS Default : NO (YES)</p>
		<p>PROGRAM SCANS Default : NO (YES)</p>
		<p>CHECK TRACKING Default : NO (YES)</p>
		<p>CLERK INTERRUPT Default : NO (YES)</p>
		<p>ALPHA TEXT Default : NO (YES)</p>
Option #3	5	<p>SEND TO DETAIL: Other than Electronic Journal, a external printer can also be connected then used as DETAIL audit printer. The following selections are available:</p>
		<p>(ONLY) TRANSACTIONS WITH NEGATIVE ITEMS** Along with (ONLY) TRANSACTIONS WITHOUT NEGATIVE ITEMS, nothing will be sent/printed on detail printer when both set to YES. Default : NO (YES)</p>
		<p>REPORTS Default : YES (NO)</p>
		<p>PROGRAM SCANS Default : YES (NO)</p>
		<p>(ONLY) TRANSACTIONS WITHOUT NEGATIVE ITEMS** Along with (ONLY) TRANSACTIONS WITH NEGATIVE ITEMS, nothing will be sent/printed on detail printer when both set to YES. Default : NO (YES)</p>
	6	<p>SEND TO ELECTRONIC JOURNAL:PLU CODE <i>Please refer to definition in PGM-Mode, SYSTEM OPTION → E.J. & DETAIL PRINTING OPTIONS → OPTION#1 → 4. SEND TO ELECTRONIC JOURNAL.</i> Default : NO (YES)</p>

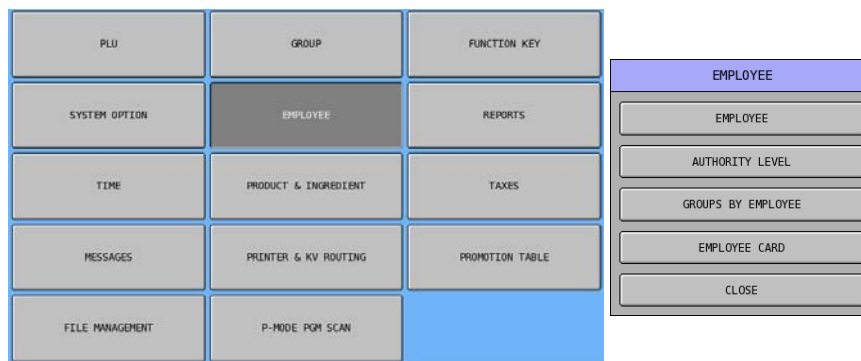
Employee

The employee file contains information for register operators as well as employees who use the register only to clock in or out (employee time keeping.) Specific functions that are allowed or disallowed for each employee are determined by assigning the employee to an Authority Level.

Two 10-digit code numbers may be assigned for each employee. A clock-in code is used to clock in or out (with **CLK IN/OUT** function key) and a separate sign on code used to operate the register (with **EMPLOYEE** function keys). The 12-digit social security number is for reference only and appears only on reports.

NOTE: The total number of employee (up to 999) is set in **S-Mode, MEMORY ALLOCATION**. Please plan your program and setup Memory Allocation before programming.

☞ Tap **EMPLOYEE** button on **P-Mode** screen, and **EMPLOYEE** window will pop-up. Tap **CLOSE** to exit or select the type of Employee program function you want to proceed.



Employee

This section is where information of individual employee is entered. Also place to program **Job Codes** and **Pay Rates** (on **OPTION#2**).

- Tap **EMPLOYEE** button on **EMPLOYEE** window, then **EMPLOYEE# 1 PROGRAMMING** screen will pop-up. Tap **PAGE UP** or **PAGE DOWN** button to browse through all available employees,. Or tap **CLOSE** to exit.

The screenshot shows the 'EMPLOYEE# 1 PROGRAMMING' screen. At the top, there are fields for 'EMPLOYEE #' (1) and 'NAME' (1 EMPLOYEE). Below this are three tabs: 'OPTION#1', 'OPTION#2', and 'OPTION#3'. The main area contains several fields: 'SOCIAL SEC #' (empty), 'CLOCK IN CODE' (000000001), 'OPERATING CODE' (000000001), and 'LINK TO AUTHORITY LEVEL' (1). There is a table for jobs with columns 'JOB1' through 'JOB6'. Below the table are fields for 'JOB CODE#' and 'PAY RATE#' (all 00). At the bottom, there are fields for 'OPEN DRAWER#' (REG# [0]) and 'DRAWER PORT 1'. Navigation buttons 'PAGE UP', 'PAGE DOWN', and 'CLOSE' are at the very bottom.

The first screenshot shows the 'EMPLOYEE# 1 PROGRAMMING' screen with 'OPTION#1' selected. It displays settings for 'TRAINING MODE' (NO), 'DEFAULT PRICE LEVEL' (00), 'DEFAULT SCREEN LEVEL (0-200)' (000), 'MANAGER' (NO), 'EDIT JOB CODES' (EDIT JOB CODES), 'EDIT PAY RATES' (EDIT PAY RATES), 'ENROL FINGERPRINT' (ENROL), and 'DALLAS KEY LINK' (0000000000000000). The second screenshot shows the 'EMPLOYEE# 1 PROGRAMMING' screen with 'OPTION#2' selected, displaying 'SALE AREA POSITION' (RIGHT). Both screens have 'PAGE UP', 'PAGE DOWN', and 'CLOSE' buttons at the bottom.

- Tap **1** button of **EMPLOYEE #**, then select Employee by enter employee number through pop-up **EMPLOYEE #** numeric pad.

The screenshot shows the 'EMPLOYEE# 1 PROGRAMMING' screen with the 'EMPLOYEE #' field highlighted. A numeric keypad is open to the right, showing the number '1' entered. The keypad includes buttons for digits 0-9, a 'CLEAR' button, a left arrow, and 'OK' and 'CANCEL' buttons at the bottom.

Tap **1 EMPLOYEE** button of **NAME**, then enter employee name through pop-up **NAME** window.

EMPLOYEE# 1 PROGRAMMING

EMPLOYEE # NAME

OPTION#1 | OPTION#2 | OPTION#3

SOCIAL SEC #

CLOCK IN CODE

OPERATING CODE

LINK TO AUTHORITY LEVEL

JOB1 JOB2 JOB3 JOB4 JOB5 JOB6

JOB CODE#

PAY RATE#

OPEN DRAWER# REG# [0]

PAGE UP | PAGE DOWN | CLOSE

NAME

BASIC | ETC | CAPS LOCK | DOUBLE

1 EMPLOYEE

1	2	3	4	5	6	7	8	9	0
Q	W	E	R	T	Y	U	I	O	P
A	S	D	F	G	H	J	K	L	;
Z	X	C	V	B	N	M	,	.	/
!	@	#	\$	%	^	&	*	()
SHIFT	SPACE					←	CLEAR		
OK					CANCEL				

Employee Options Definition

Tab	#	Item
Option #1		SOCIAL SEC # This is a 12-digit identifying number, both alpha and numeric can be used. Default : [blank] [up to 12 digits of character]
		CLOCK IN CODE This is an up to 10-digit code used for time in/out wages calculations. <i>To use this feature, a CLOCK IN/OUT function key (Code# 231) has to assigned on the screen/key link or keyboard.</i> <i>Also, make sure the option in P-Mode, EMPLOYEE → AUTHORITY LEVEL → OPTION#2 → 10. CLOCK IN/OUT USING MCR (ONLY) is set to NO.</i> Default : 0000000001 (0000000000 ~ 9999999999)
		OPERATING CODE This is an up to 10-digit code used for Sign in/out feature.. <i>To use this feature, an EMPLOYEE or one of the ten EMPLOYEE# function key (Code# 40 or 41 ~ 50) has to assigned on the screen/key link or keyboard.</i> <i>Also, make sure the option in P-Mode, EMPLOYEE → AUTHORITY LEVEL → OPTION#2 → 11. SIGN IN/OUT USING MCR (ONLY) is set to NO.</i> Default : 0000000001 (0000000000 ~ 9999999999)
		LINK TO AUTHORITY LEVEL The system has a Authority Level programming, which has 9 different level can be programmed. Use this to link an employee to a proper authority according to the capability of each authority level programmed. Default : 1 (1 ~ 9)
		JOB CODE# An employee might have more than one job, possible with a different pay rate for each job. Use this to assign up to 6 jobs for current employee. Default : 00 [for JOB1 to JOB 6] (00 ~ 20)
		PAYRATE# After job or jobs has been assigned to current employee, use this to assign appropriate rate for each job for current employee. Default : 00 [for JOB1 to JOB 6] (00 ~ 50)
		OPEN DRAWER# Use to assign a drawer for current employee. First part is the “ REG# ” then the drawer port. Leave “ REG# [0] ” if use as a stand alone machine. Assign a register number when IRC is in place and current employee does need to open drawer from different cash register. On SPS-500, internal drawer is Drawer Port 1, Drawer Port 2 and 3 are located at the back panel. Then cash drawer can also be connect to printer(s) connect to register via one of the four Serial Ports. Default : REG# [0] [No Reg#, use local Reg#] (0 ~ 32) DRAWER PORT 1 [OPEN DRAWER Window Open for Selection]
	Option #2	
		DEFAULT PRICE LEVEL (function key #) Use to setup a different Price Level than the system default screen level for employee/clerk that currently programmed. <i>System default Price Level setting is in P-Mode, SYSTEM OPTION → LEVEL / MODIFIER OPTIONS → OPTION#1 → 1. DEFAULT PRICE LEVEL.</i> <i>To use the level setup here, you must also set P-Mode, SYSTEM OPTION → LEVEL / MODIFIER OPTIONS → OPTION#1 → 5. USE CLERK’S PRICE SHIFT LEVEL to YES.</i> Default : 00 [Disable, using system setting] (00 ~ 20)

Tab	#	Item
		<p>DEFAULT SCREEN LEVEL (0-200) Use to setup a different Screen Level than the system default screen level for employee/clerk currently programmed when signs on. <i>System default Screen Level setting is in P-Mode, SYSTEM OPTION → LEVEL / MODIFIER OPTIONS → OPTION#1 → 7. DEFAULT SCREEN (0-200).</i> <i>To use the level setup here, you must also set P-Mode, SYSTEM OPTION → LEVEL / MODIFIER OPTIONS → OPTION#1 → 9. USE CLERK'S DEFAULT SCREEN LEVEL to YES.</i> Default : 000 (000 ~ 200)</p>
		<p>MANAGER This option relates to management restrictions in the P-Mode, FUNCTION KEY → MANAGER REQUIRED? For an employee defined as “a manager” here, can authorised the restriction on a function key. Default : NO (YES)</p>
		<p>EDIT JOB CODES NOTE: An employee with the appropriate authority level must be signed on to perform Job Codes programming. Job codes are used to break down the hours worked for all employees into different categories in STRING REPORTS → LABOR GROUPS. A breakdown of hours by job is also reported for each employee in OTHER REPORTS → TIME KEEPING. The job codes to be used by all employees are set up here. There are 20 job codes can be programmed. Default : EDIT JOB CODES [Job Code Programming Screen pop-up - Job Code 1 ~ 20]</p>
		<p>EDIT PAY RATES NOTE: An employee with the appropriate authority level must be signed on to perform Pay Rates programming. Use to edit Pay Rates for all employees. There are 50 pay rates can be programmed. <i>Tap EDIT PAY RATES button, PAY RATE PROGRAMMING window will pop-up. Tap 00.00 button to program the rate, PAGE UP or PAGE DOWN to browse through all 50 rates, or tap CLOSE to exit.</i> Default : EDIT PAY RATES [Pay Rate Programming Screen pop-up - Pay Rate 1 ~ 50]</p>
		<p>ENROL FINGERPRINT A Fingerprint Reader can be installed into one of the USB port. When a Fingerprint Reader is inserted, use this option to register an employee's fingerprint. <i>Tap ENROL button, a FINGERPRINTS window will pop-up. For the operation. Tap ENROL to record, DELETE to delete a current fingerprint, CLOSE to exit.</i> Default : ENROL [Fingerprints program for Enrolment pop-up]</p>
		<p>DALLAS KEY LINK A Dallas Key system is an optional employee management system. When a Dallas Key sensor is installed, use this feature to register a Dallas Key for current employee. <i>Tap the 0000000000000000 button, a DALLAS KEY LINK window will pop-up, contact the sensor with the Dallas Key, the number will be registered and window disappear. Tap RESET button on the window to reset a previous programmed Dallas Key code. Tap CANCEL to exit.</i> Default : 0000000000000000</p>
Option #3		<p>SALE AREA POSITION In REG-Mode, the screen is separated into two parts - On-Screen-PLUs and Sale areas. The Sale Area is default on the right-hand-side. Use this option to set Sales Area to left-hand-side for left-hander if needed. <i>Please also see S-Mode, SYSTEM OPTIONS → OPTION#5 → (the second) 22. USE SUMMA INTERFACE SALE AREA CONFIGURATION for related setting.</i> Default : RIGHT (LEFT)</p>

Authority Level

Each employee must be assigned to one of nine authority levels. See **P-Mode, EMPLOYEE → EMPLOYEE → OPTION#1 → LINK TO AUTHORITY LEVEL** for setting. The section made here for each authority level determine the operations that are allowed for each employee that is linked to this authority level.

☞ Tap **AUTHORITY LEVEL** button on **EMPLOYEE** window, then **AUTHORITY LEVEL PROGRAMMING** screen will pop-up. Tap **PAGE UP** or **PAGE DOWN** button to browse through 9 available Authority Levels, or **CLOSE** to exit.

OPTION#1	OPTION#2	OPTION#3	OPTION#4	OPTION#5	OPTION#6
1. CLOCK-IN/OUT ENTRY ONLY					NO
2. MUST CLOCK-IN BEFORE SALES					NO
3. CAN CLOCK-OUT WITH OPEN CHKS					NO
4. GUEST CHECK ENTRIES ONLY					NO
5. PAYMENT OF OWN GUEST CHECK					NO
6. PAYMENT OF ANY GUEST CHECK					YES
7. TRANSFER OF GUEST CHECKS					YES
8. VOIDING OF SERVICED ITEMS					YES

Options are designed in 6 tabs. Every entry defines the authority level choices available.

OPTION#1	OPTION#2	OPTION#3	OPTION#4	OPTION#5	OPTION#6
9. ALLOW CANCEL AFTER RECALL					YES
10. CLOCK IN/OUT USING MCR					NO
11. SIGN IN/OUT USING MCR					NO
12. ALLOW EDIT ANY CHECKS					YES
13. ALLOW DESTINATION CHANGE					YES
14. CAN COMBINE OWN SOFT CHKS					NO
15. CAN COMBINE ANY SOFT CHKS					YES
16. TABLE # TRANSFER IN R-MODE					YES
17. CAN PLU PRC/HALO OVERRIDE					YES
18. ALLOW SET DATE AND TIME					YES
19. ALLOW TIME CLOCK EDIT					YES
20. ALLOW CASH DECLARATION					YES
21. ALLOW PRICE LEVEL CHANGE					YES
22. ALLOW EMPLOYEE FILE EDIT					YES
23. ALLOW PRINT & RESET OF E.J					YES
24. ALLOW JOB CODE EDIT					YES
25. ALLOW PAY RATE EDIT					YES
26. CAN INVENTORY EDIT X MODE					YES
27. CAN INVENTORY EDIT P MODE					YES
28. ALLOW AUTHORITY LEVEL EDIT					YES
29. COMP. SEAT# FOR EACH ENTRY					NO
30. ALLOW NOSALE					YES
31. PAID BREAKS					NO
32. MANAGER REQ. FOR CLOCK IN					NO
33. COMPULSORY TIP ENTRY					NO
34. JOB CODE CHANGE					YES
35. ALLOW PLU PRC CHANGE ONLY					NO
36. DISALLOW STOCK ADD IN P					NO
37. DISALLOW STOCK OVER IN P					NO
38. DISALLOW STOCK SUB IN P					NO
40. ALLOW ACCESSING X/Z MODE WITHOUT PASSWORD					YES
41. ALLOW ACCESSING PGM MODE WITHOUT PASSWORD					NO
42. ALLOW ACCESSING VOID MODE WITHOUT PASSWORD					YES
43. DO NOT ALLOW EDIT PLU QUICK REGIST					NO
44. ALLOW FINAL PAYMENT ON DEPOSIT CHECK TRACKS					NO

Authority Level Options Definition

Tab	#	Item
Option #1	1	<p>CLOCK-IN/OUT ENTRY ONLY With standard and complete features, an employee needs to Clock-In/Out (CLK IN/OUT), and Sign-In/Out (EMPLOYEE 1~10 or EMPLOYEE) in between. Use this to determine if an employee only needs to Clock-In/Out the system for employees link to this authority level. Default : NO (YES)</p>
	2	<p>MUST CLOCK-IN BEFORE SALES With standard and complete features, an employee needs to Clock-In/Out (CLK IN/OUT), and Sign-In/Out (EMPLOYEE 1~10 or EMPLOYEE) in between. Use this to determine if Clock-In (CLK IN/OUT) is compulsory before operation for employees link to this authority level. Default : NO (YES)</p>
	3	<p>CAN CLOCK-OUT WITH OPEN CHKS Between Clock-In/Out (CLK IN/OUT), an employee can Sing-In/Out (EMPLOYEE 1~10 or EMPLOYEE) while Check Tracking is used and with unpaid Open Checks. Use this to determine if an employee can even Clock-Out while unpaid Open Checks still exist for employees link to this authority level. Default : NO (YES)</p>
	4	<p>GUEST CHECK ENTRIES ONLY Use to restrict if an employee is only allows performing the Guest Check entry for employees link to this authority level. Default : NO (YES)</p>
	5	<p>PAYMENT OF OWN GUEST CHECK Use to restrict if an employee can only receive payment of Guest Check opened by himself/herself for employees link to this authority level. NOTE: The setting made for this option is NO, but 6. PAYMENT OF ANY GUEST CHECK is YES, the NO will be overwritten by 6. and work as YES. Default : NO (YES)</p>
	6	<p>PAYMENT OF ANY GUEST CHECK Use to indicate if an employee can receive payment of Guest Check opened by any employees for employees link to this authority level. Default : YES (NO)</p>
	7	<p>TRANSFER OF GUEST CHECKS Use to restrict if an employee can transfer Guest Check details between employees for employees link to this authority level. Default : YES (NO)</p>
	8	<p>VOIDING OF SERVICED ITEMS In the restaurant environments, Serviced Items normally mean that has sent to KP, and the kitchen may has already prepare the items. Use this to determine if want to avoid Voiding of Serviced Items in that kind of situation for employees link to this authority level. Default : YES (NO)</p>
Option #2	9	<p>ALLOW CANCEL AFTER RECALL When Check Tracking and/or Clerk Interrupt is in use, use this to determine if CANCEL (code# 16) is allowed to cancel after RECALL or Interrupted for employees link to this authority level. Default : YES (NO)</p>
	10	<p>CLOCK IN/OUT USING MCR (ONLY) There are several ways to Clock in/out on SPS-530. Use this option to restrict employee Clock in/out methods to only use MCR (Magnetic Card Reader) for employees link to this authority level. Default : NO (YES)</p>

Tab	#	Item
	11	SIGN IN/OUT USING MCR (ONLY) There are several ways to Sign in/out on SPS-530. Use this option to restrict employee Sign in/out methods to only use MCR (Magnetic Card Reader) for employees link to this authority level. Default : NO (YES)
	12	ALLOW EDIT ANY CHECKS Use to determine if employees link to this authority level can access to any open checks that exclusive to its owner - employee who open it. Default : YES (NO)
	13	ALLOW DESTINATION CHANGE Use to determine if employees link to this authority level are allow to transfer a check, to change the movement of check numbers. Default : YES (NO)
	14	CAN COMBINE OWN SOFT CHKS Use to restrict if an employee can only combine Guest Checks opened by himself/herself for employees link to this authority level. NOTE: The setting made for this option is NO , but 15. CAN COMBINE ANY SOFT CHECK is YES , the NO will be overwritten by 15. and work as YES . Default : NO (YES)
	15	CAN COMBINE ANY SOFT CHKS Use to indicate if an employee can combine Guest Checks opened by any employees for employees link to this authority level. Default : YES (NO)
	16	TABLE # TRANSFER IN R-MODE (REG-Mode) Use to determine if transfer a Guest Check (change Table number of a Guest Check) in Register Mode is allowed for employees link to this authority level. Default : YES (NO)
Option #3	17	CAN PLU PRC/HALO OVERRIDE Use to determine if override a preset PLU price (REG-Mode, Item Registration and P-Mode, PLU → PLU ADD & CHANGE → select a PLU → OPTION#2 → ALLOW PRICE/HALO OVERRIDE) is allowed for employees link to this authority level. NOTE: When this option has set to YES, but still get “ INVALID AUTHORITY LEVEL ” error message, please check OPTION#5 → 35. in this section, see if that option is set to YES. Then change it to NO. Default : YES (NO)
	18	ALLOW SET DATE AND TIME Use to determine if setting Date and Time (X-Mode, SET DATE AND TIME and Z-Mode, SET DATE AND TIME) is allowed for employees link to this authority level. Default : YES (NO)
	19	ALLOW TIME CLOCK EDIT Use to determine if editing Time Clock (X-Mode, TIME CLOCK EDIT) is allowed for employees link to this authority level. Default : YES (NO)
	20	ALLOW CASH DECLARATION Use to determine if performing cash declaration (X-Mode, CASH DECLARATION and Z-Mode, CASH DECLARATION) is allowed for employees link to this authority level. Default : YES (NO)
	21	ALLOW PRICE LEVEL CHANGE Use to determine if changing Price Level (PRICE LEVEL 1 ~ 20 - code# 170 ~ 189) for employees link to this authority level. Default : YES (NO)

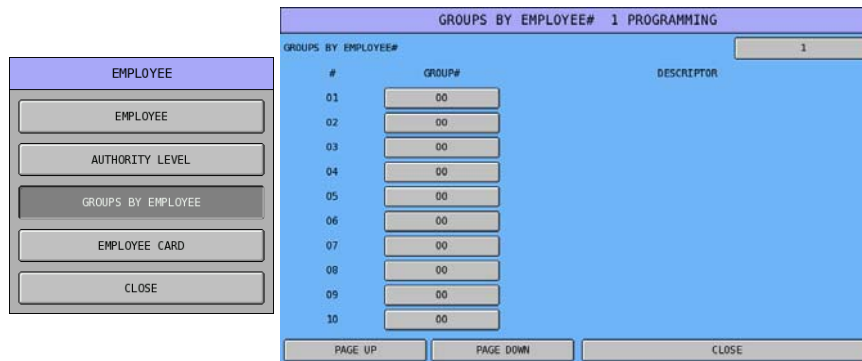
Tab	#	Item
	22	ALLOW EMPLOYEE FILE EDIT Use to determine if editing employee file (P-Mode, EMPLOYEE → EMPLOYEE) is allowed for employees link to this authority level. Default : YES (NO)
	23	ALLOW PRINT & RESET OF E.J Use to determine if print and reset of Electronic Journal (X-Mode, X OTHER REPORTS → ELECTRONIC JOURNAL and Z-Mode, Z OTHER REPORTS → ELECTRONIC JOURNAL) is allowed for employees link to this authority level. Default : YES (NO)
	24	ALLOW JOB CODE EDIT Use to determine if Job Code modification is allowed for employees link to this authority level. Default : YES (NO)
Option #4	25	ALLOW PAY RATE EDIT Use to determine if Pay Rate modification is allowed for employees link to this authority level. Default : YES (NO)
	26	CAN INVENTORY EDIT X MODE When set to NO, an "INVALID AUTHORITY LEVEL" error message will display when go to X-Mode, EDIT INVENTORY ITEM . Default : YES (NO)
	27	CAN INVENTORY EDIT PGM MODE (P MODE) Default : YES (NO)
	28	ALLOW AUTHORITY LEVEL EDIT Use to determine if modify this "Authority Level" is allowed for employees link to this authority level. Default : YES (NO)
	29	COMP SEAT# FOR EACH ENTRY Use to determine if seat number entry (SEAT# - code# 209) for each item registered is compulsory for employees link to this authority. Default : NO (YES)
	30	ALLOW NO SALE Use to determine if No Sale (#NO SALE - code# 147) is allowed for employees link to this authority level. Default : YES (NO)
	31	PAID BREAKS Use to determine when an employee has checkout for a break, whether the period of break time is paid as part of wage costing for employees link to this authority level. Default : NO (YES)
Option #5	32	MANAGER REQ. FOR CLOCK IN Use to determine if Manager is required when clock-in (CLK IN/OUT - code# 231) for employees link to this authority level. Default : NO (YES)
	33	COMPULSORY TIP ENTRY Use to determine if Tip Declaration at clock-out (CLK IN/OUT - code# 231) is compulsory for employees link to this authority level. Default : NO (YES)

Tab	#	Item
	34	<p>JOB CODE CHANGE Use to limit the capability of Job (Code) Change at clock-in (CLK IN/OUT - code# 231) between Z-Time Keeping Report. When set to YES, only the first job select when clock-in first time after previous Z-Time Keeping Report will be allowed for employees link to this authority level. Default : YES (NO)</p>
	35	<p>ALLOW PLU PRC CHANGE ONLY Use to limit the capability of PLU programming. When set to YES, all employees link to this Authority Level can only change PLU price. Default : NO (YES)</p>
	36	<p>DISALLOW STOCK ADD IN P Change this option will affect the capability of programming in P-Mode, PLU → PLU STOCK → ADD for employees link to this authority level. Default : NO (YES)</p>
	37	<p>DISALLOW STOCK OVER IN P Change this option will affect the capability of programming in P-Mode, PLU → PLU STOCK → OVERRIDE for employees link to this authority level. Default : NO (YES)</p>
	38	<p>DISALLOW STOCK SUB IN P Change this option will affect the capability of programming in P-Mode, PLU → PLU STOCK → SUBTRACT for employees link to this authority level. Default : NO (YES)</p>
Option #6	40	<p>ALLOW ACCESSING X/Z MODE WITHOUT PASSWORD This controls whether the user can access the X/Z Mode without having to enter a password for employees link to this authority level. NOTE: Although SPS-500 comes with physical Mode Key, some functions still require password entry to perform. <i>The password relates to this feature is programmed in S-Mode, MANAGER PASSWORD.</i> Default : YES (NO)</p>
	41	<p>ALLOW ACCESSING PGM (P) MODE WITHOUT PASSWORD This controls whether the user can access the PGM (P) Mode without having to enter a password for employees link to this authority level. NOTE: Although SPS-500 comes with physical Mode Key, some functions still require password entry to perform. Default : NO (YES)</p>
	42	<p>ALLOW ACCESSING VOID MODE WITHOUT PASSWORD This controls whether the user can access the VOID Mode without having to enter a password for employees link to this authority level. NOTE: Although SPS-500 comes with physical Mode Key, some functions still require password entry to perform. Default : YES (NO)</p>
	43	<p>DO NOT ALLOW EDIT PLU QUICK REGIST Change this option will affect the capability of programming in P-Mode, PLU → PLU QUICK REGISTRATION for employees link to this authority level. Default : NO (YES)</p>
	44	<p>ALLOW FINAL PAYMENT ON DESPOIT CHECK TRACKS Default : NO (YES)</p>

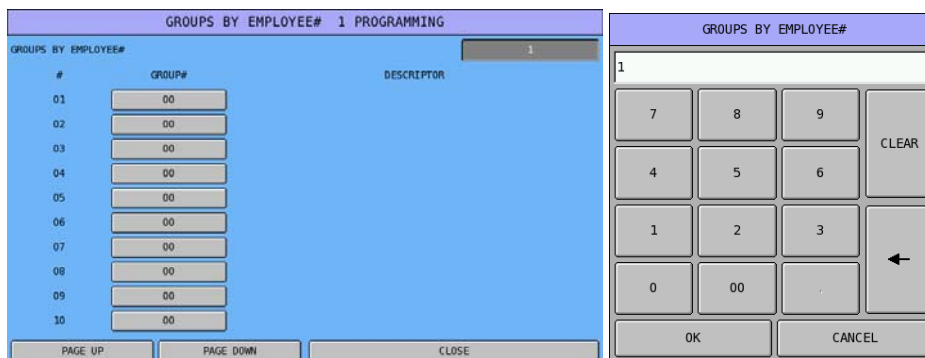
Groups by Employee

If you choose to use groups by employee in Memory Allocation (**S-Mode**, **MEMORY ALLOCATION** → **OPTION#1** → **7. USE GROUP BY EMPLOYEE**), you can select up to 30 of the 99 available groups to report for each employee.

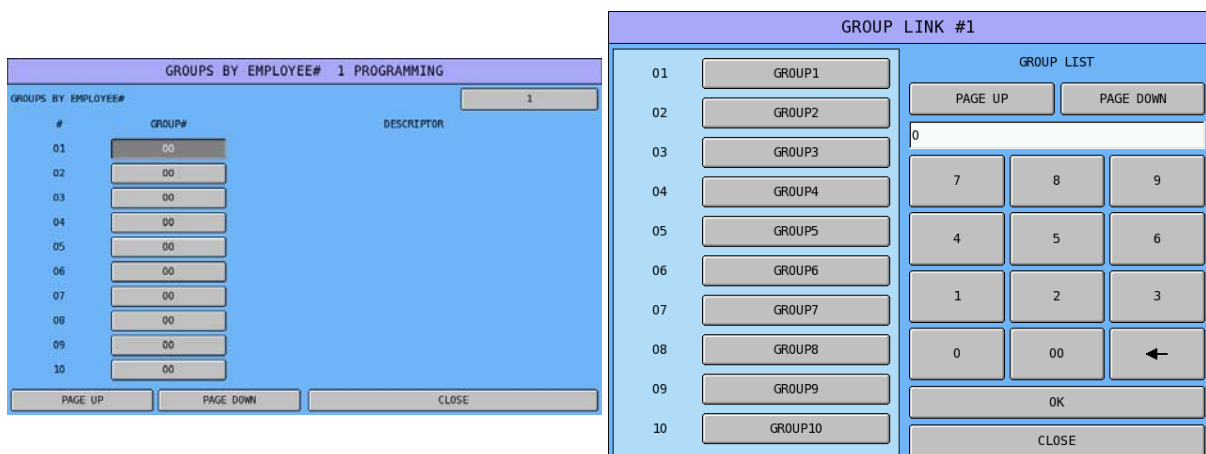
Tap **GROUPS BY EMPLOYEE** button on **EMPLOYEE** window, then **GROUPS BY EMPLOYEE# 1 PROGRAMMING** screen will pop-up. Tap **PAGE UP** or **PAGE DOWN** button to browse through 30 available Groups for Employee #1, then Employee #2 and so on..., or **CLOSE** to exit.



Tap **1** button of **GROUPS BY EMPLOYEE#**, then **GROUPS BY EMPLOYEE#** numeric pad will pop-up. Enter employee number then tap **OK** to browse the specific employee, or **CANCEL** to exit.



Tap one of the **00** buttons of **GROUP#** (in this example, #01), then **GROUP LINK #1** window will pop-up. Tap **PAGE UP** or **PAGE DOWN** to browse through 99 available groups, or enter group number through numeric pad then tap **OK**, or **CLOSE** to exit.



Employee Card

The **optional** MCR can be used to sign on/off or clock in/out employees. Options set here must match the format of the cards.

Please also check:

P-Mode, SYSTEM OPTION → GENERAL FUNCTION OPTIONS → OPTION#7 → 55. CARD READER ENABLE is set to YES.

P-Mode, EMPLOYEE → AUTHORITY LEVEL → 10. CLOCK IN/OUT USING MCR (ONLY) or 11. SIGN IN/OUT USING MCR (ONLY) is set to YES according to your needs.

☞ Tap **EMPLOYEE CARD** button on **EMPLOYEE** window, then **EMPLOYEE CARD READ FORMAT** screen will pop-up. Tap **CLOSE** to exit.

Determining MCR Settings

1. Read data from a sample card using the SPS-530 Self Test program (**S-Mode, SELF TEST → MSR**).

2. If the number you want as **CARD ID** is 87399 from **Track 3**, you need to program

4. COLUMN OF CARD ID should be:

START: 4

DIGIT: 5

as:

Position	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Data	;	8	0	8	7	3	9	9	5	6	6	=	0	8	2	0	0	6
Start	1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th	9 th	10 th	11 th	12 th	13 th	14 th	15 th	16 th	17 th	18 th
Digit				1	2	3	4	5										

Similar rule also apply to **5. COLUMN OF NUMBER**

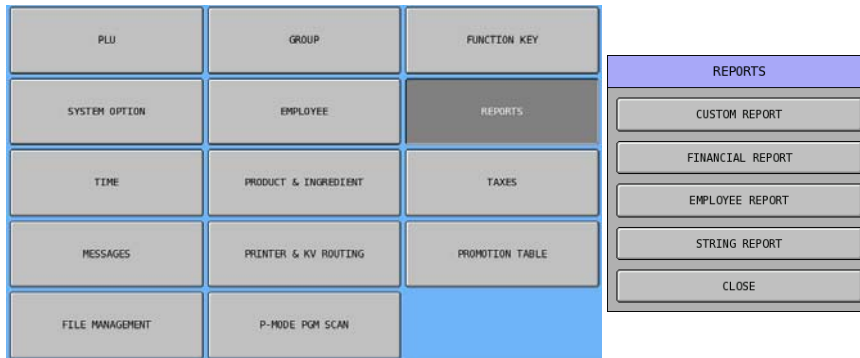
Employee Card Options Definition

Tab	#	Item
	1	READ Use to determine which track on the card is the track to read. Default : TRACK 3 (TRACK 2)
	2	CARD ID Use to enter the Card ID number (can be use as Site ID to separate cards for different site) up to 10-digits number. Default : 0000000000
	3	CHECK CARD ID? Use to determine if identify Card ID on the Employee Card to identify which site does this card is for. NOTE: When set to YES, the card from different Card ID will be ignored (without error message) and there is no response from the till. Default : NO (YES)
	4	COLUMN OF CARD ID Use to determine where the Card ID section is in the card number string.
		START Default : 00 (00 ~ 99)
		DIGIT Default : 00 (00 ~ 99)
	5	COLUMN OF NUMBER Use to determine where the Employee Number section is in the card number string.
		START Default : 00 (00 ~ 99)
		DIGIT Default : 00 (00 ~ 99)

Reports

Use this program to **create a Custom Report**, **modify** the Financial or Employee report, or to **define** reports to be linked in **up to four String Reports**.

☞ Tap **REPORTS** button on **P-Mode** screen, and **REPORTS** window will pop-up. Tap **CLOSE** to exit or select the type of Reporting function you want to program.



Custom Report

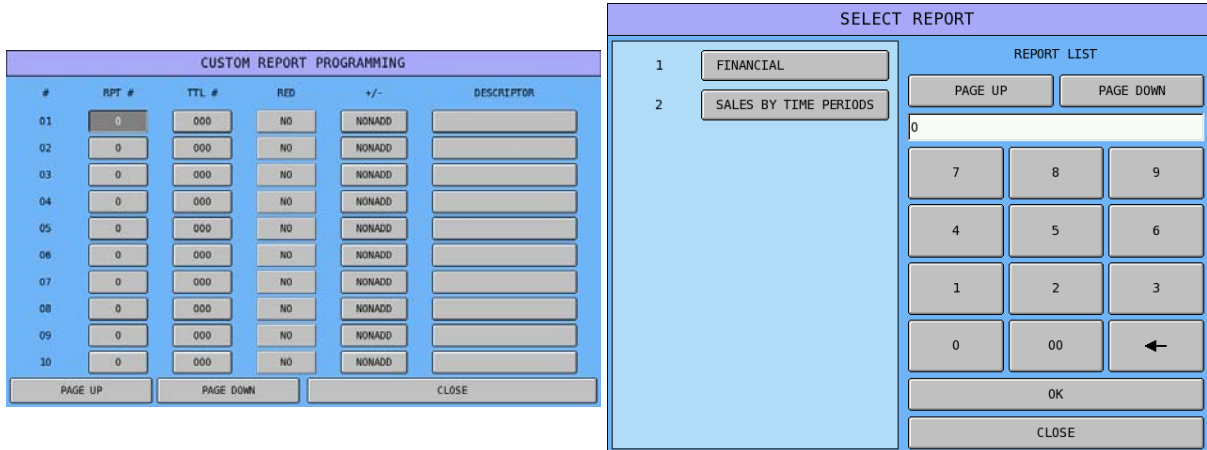
One custom report can be created, with up to 50 totals and counters. The report is built by selecting totals that also appear on either the **Financial** or **Sales by Time Period** reports. When the custom report is created, totals and counters separate from the original report are also created (in other words, you can clear the custom reports independently without affecting totals in any other report.)

Another feature of the custom report is the ability to add or subtract selected totals to create a new subtotal of selected information.

☞ Tap **CUSTOM REPORT** button on **REPORTS** window, then **CUSTOM REPORT PROGRAMMING** screen will pop-up. Tap **PAGE UP** or **PAGE DOWN** button to browse through 50 available totals and counters, or **CLOSE** to exit.

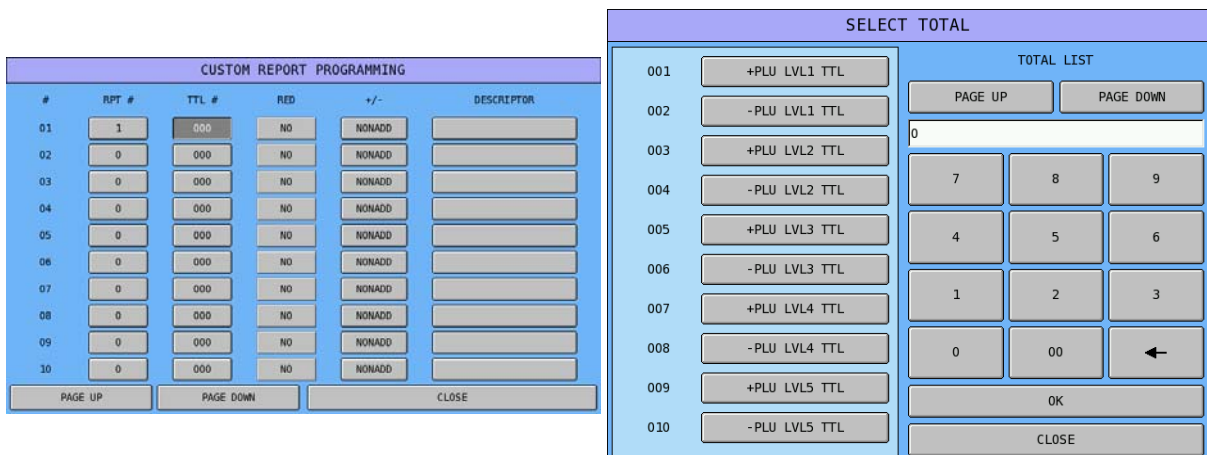


Tap **0** button of **RPT #**, then **SELECT REPORT** window will pop-up. Tap on one of the reports to select where the total and counter coming from. Tap **CLOSE** to exit.



Tap **000** button of **TTL #**, then **SELECT TOTAL** window will pop-up. Tap one of the report item buttons to select, or tap **PAGE UP** or **PAGE DOWN** button to browse through the 229 report items. Tap **CLOSE** to exit.

To find out the Financial Report Message List, please see **P-Mode, MESSAGES → REPORT DESCRIPTORS → FINANCIAL REPORT** section in this manual.

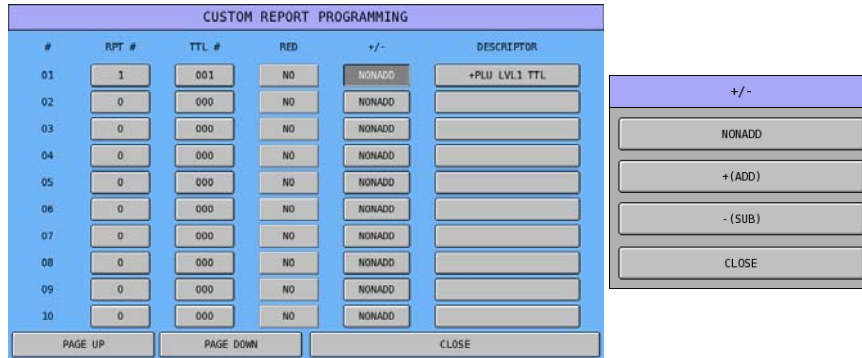


NOTE: A report in **RPT #** **must** be select first. Otherwise tapping button on **TTL #** will display a numeric pad for number entry, but end up with **ERROR - RANGE OVER**.

The **only exceptions** are using total **#998** to create a **dashed separator line** on the report and total **#999** to create a **subtotal line**.

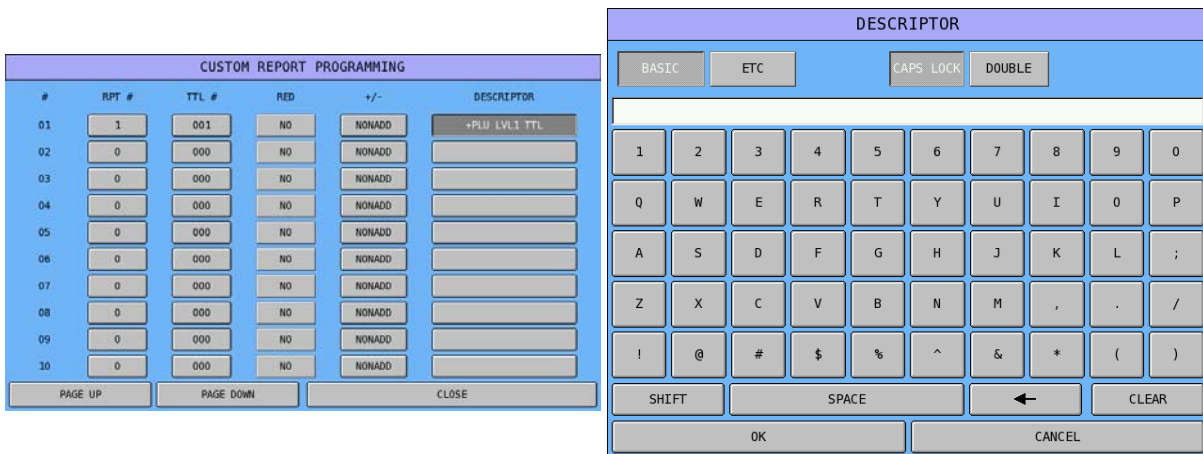
Tap **NO** button of **RED** to toggle between NO and YES, in order to determine if want to print in **RED** or **INVERT** (depends on the printer used)

Tap **NONADD** button of +/- , then +/- window will pop-up. Tap one of the **NONADD**, **+(ADD)**, or **-(SUB)** status for the selected total, or **CLOSE** to exit.



After report **Total** is selected, the default descriptor will fill the **DESCRIPTOR** button. If other description is preferred, the default descriptor is modifiable.

Tap **descriptor** button of **DESCRIPTOR**, then enter preferred descriptor through popped-up **DESCRIPTOR** window. Tap **OK** to confirm, **CANCEL** to discard.



Financial Report and Employee Report

The **Financial Report** and the **Employee Report** can be modified so that specific totals are removed from the report printout or printed in **RED** or **INVERT** (depends on the printer used).

- Tap **FINANCIAL REPORT** or **EMPLOYEE REPORT** button on **REPORTS** window, then **EDIT FINANCIAL REPORT** or **EDIT EMPLOYEE REPORT** screen will pop-up. Tap **PAGE UP** or **PAGE DOWN** button to browse through **229** available totals for Financial Report or 153 available totals for Employee Report, or **CLOSE** to exit.

The image shows three screenshots of the system's reporting interface. The top-left screenshot shows the 'REPORTS' menu with options: CUSTOM REPORT, FINANCIAL REPORT, EMPLOYEE REPORT, STRING REPORT, and CLOSE. The top-right screenshot is the 'EDIT FINANCIAL REPORT' screen, which is a table with columns for TTL#, DESCRIPTOR, PRINT, and RED. The bottom-left screenshot shows the 'REPORTS' menu again, but with 'EMPLOYEE REPORT' highlighted. The bottom-right screenshot is the 'EDIT EMPLOYEE REPORT' screen, which is a table with columns for TTL#, DESCRIPTOR, PRINT, and RED.

TTL#	DESCRIPTOR	PRINT	RED
001	+PLU LVL1 TTL	NO	NO
002	-PLU LVL1 TTL	NO	NO
003	+PLU LVL2 TTL	NO	NO
004	-PLU LVL2 TTL	NO	NO
005	+PLU LVL3 TTL	NO	NO
006	-PLU LVL3 TTL	NO	NO
007	+PLU LVL4 TTL	NO	NO
008	-PLU LVL4 TTL	NO	NO
009	+PLU LVL5 TTL	NO	NO
010	-PLU LVL5 TTL	NO	NO

TTL#	DESCRIPTOR	PRINT	RED
001	NET SALES	YES	NO
002	NON-TAX	YES	NO
003	TAX1 SALES	YES	NO
004	TAX2 SALES	YES	NO
005	TAX3 SALES	YES	NO
006	TAX4 SALES	YES	NO
007	TAX5 SALES	YES	NO
008	TAX6 SALES	YES	NO
009	TAX1	YES	NO
010	TAX2	YES	NO

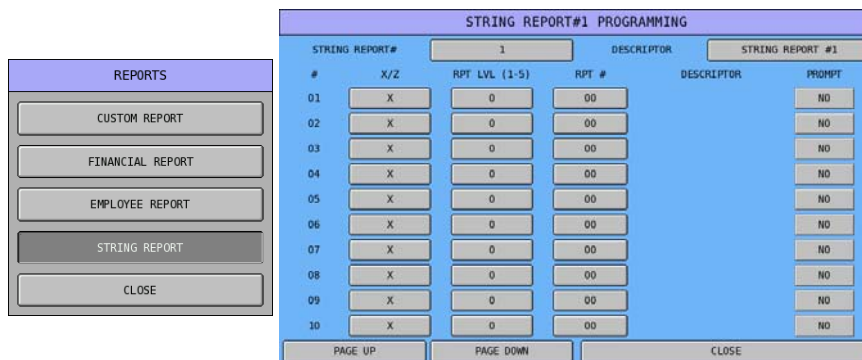
- Tap **YES** or **NO** button of **PRINT** to toggle between NO and YES, in order to determine if want the total to print or not print on the **Financial Report** or **Employee Report**.
- Tap **NO** button of **RED** to toggle between NO and YES, in order to determine if want to print in **RED** or **INVERT** (depends on the printer used) on the **Financial Report** or **Employee Report**.

String Report

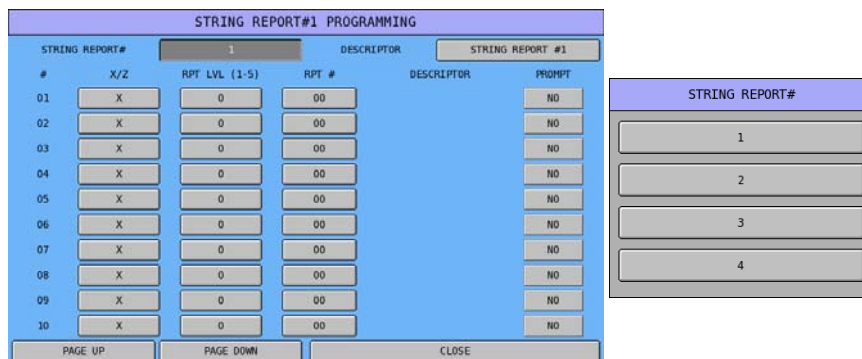
Up to four string reports can be created that automatically generate a sequence of up to 24 different reports. Typically, string reports are used to automate **end-of-day** or **end-of-period** reporting requirements. Reports selected in the string sequence can be **X** (read) or **Z** (reset) reports and can be from report level 1-5.

NOTE: Please refer to **S-Mode, MEMORY ALLOCATION → OPTION#5** for report levels set in your SPS-500.

- Tap **STRING REPORT** button on **REPORTS** window, then **STRING REPORT#1 PROGRAMMING** screen will pop-up. Tap **PAGE UP** or **PAGE DOWN** button to browse through 24 available reports, or **CLOSE** to exit.



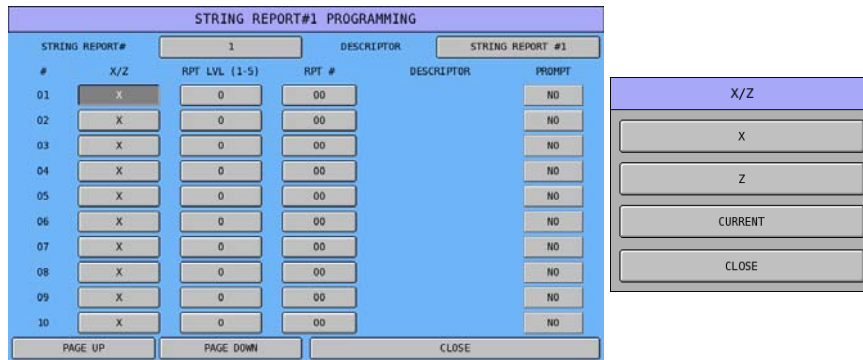
- Tap **1** button of **STRING REPORTS#**, then select between 1 ~ 4 on popped-up **STRING REPORT#** window. The window will close and back to **STRING REPORT#1 PROGRAMMING** screen after selection.



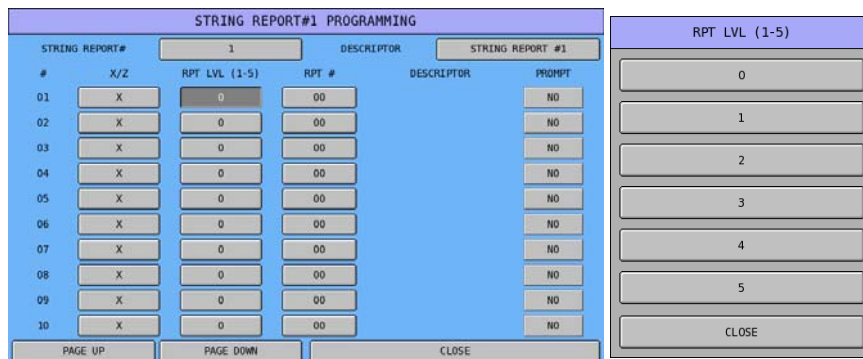
Tap **descriptor** button of **DESCRIPTOR**, then enter the preferred name through popped-up **DESCRIPTOR** window. Tap **OK** to confirm, **CANCEL** to discard.



Tap **X** button on **X/Z** column of the number of the report, then select report type on popped-up **X/Z** window. When **X** or **Z** is selected, the report type will be fixed according to the selection; select **CURRENT** means the report type will depends on the report **mode** in use. Tap **CLOSE** to exit.

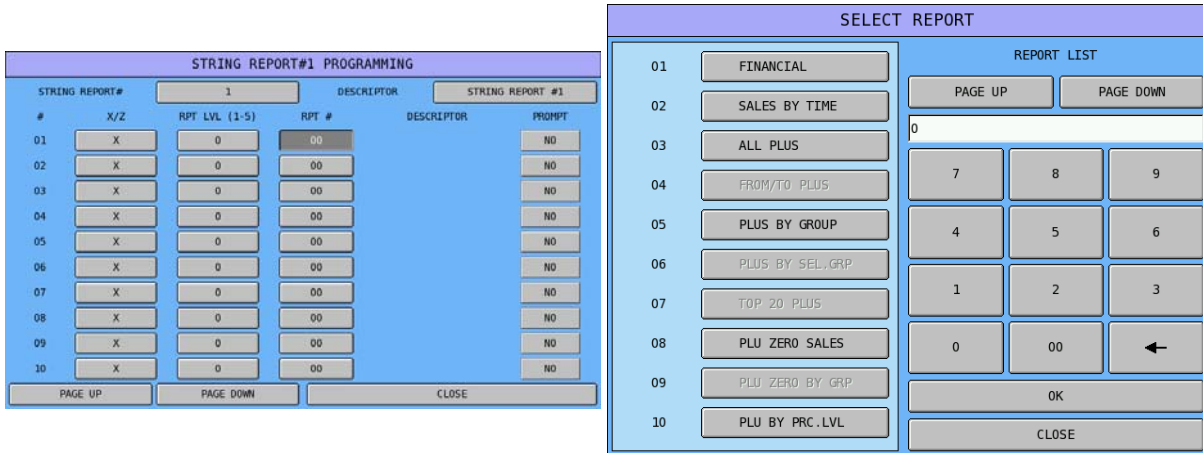


Tap **0** button on **RPT LVL (1-5)** column of the number of the report, then select report level on popped-up **RPT LVL (1-5)** window. Tap **CLOSE** to exit.



NOTE: Please refer to **S-Mode, MEMORY ALLOCATION → OPTION#5** for report levels set in your SPS-500.

Tap **00** button on **RPT #** column of the number of the report, then select report you want to run on popped-up **SELECT REPORT** window. Tap **PAGE UP** or **PAGE DOWN** button to browse through all reports available or enter the report # then tap **OK** to confirm. Tap **CLOSE** to exit.

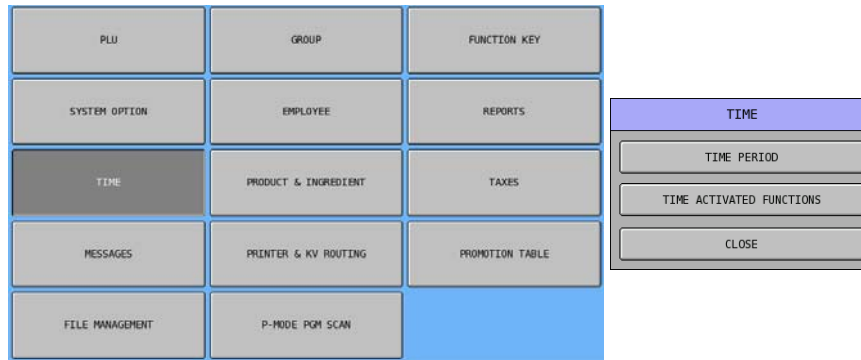


Tap **NO** button on **PROMPT** column of the number of the report to toggle between **NO** and **YES**. For every report's **PROMPT** set to **YES**, a warning window will pop-up when running the String report. Tap **YES** will keep running the report and the string report will "refresh". Tap **NO** will then skip the report.

Time

This section includes two parts programming - **Time Period** and **Time Activated Functions** (Price Level, Screen Level, Keyboard Level, MACROS, String Reports, Shifts and KP Time Period).

☞ Tap **TIME** button on **P-Mode** screen, and **TIME** window will pop-up. Tap **CLOSE** to exit or select the type of Reporting function you want to program.

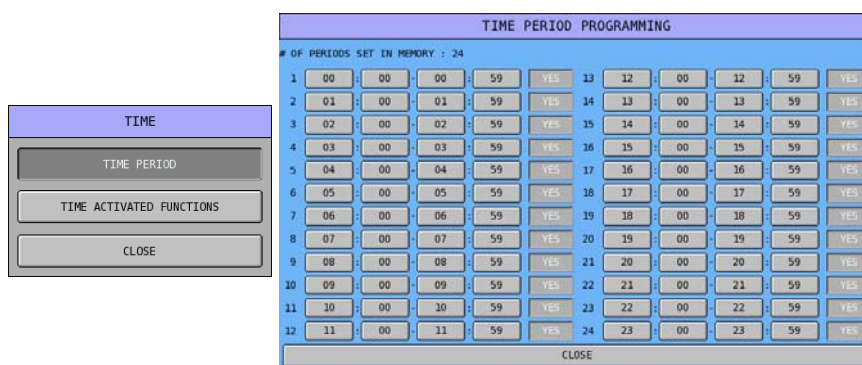


Time Period

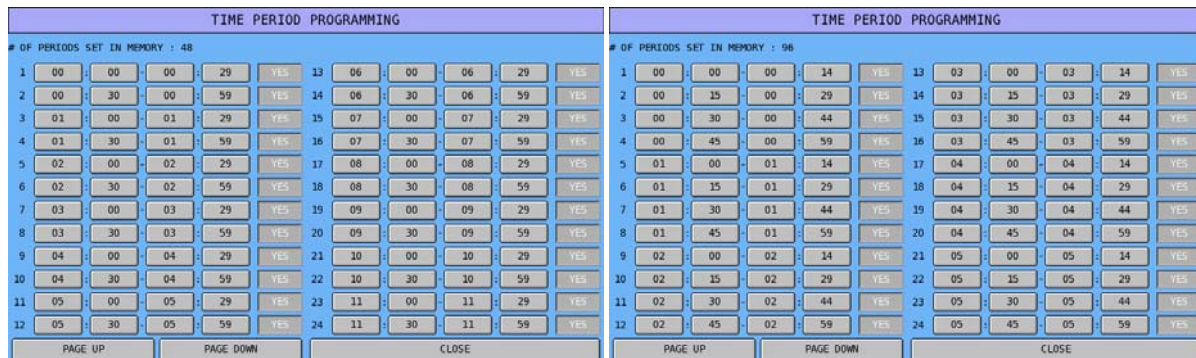
The Time report collects sales information depending upon the time of day. The number of time periods (24, 48, or 96) is selected and set in **S-Mode**, **MEMORY ALLOCATION** → **OPTION#2** → **13. # OF TIME PERIOD (24/48/96)**. By default, time periods are hourly if 24 periods are selected, if 48 periods are selected, sales are accumulated in ½ hour periods, and if 96 periods are selected, sales are accumulated in 15 minute periods.

If hourly, ½ hourly or 15 minute report periods are satisfactory for your application, no action is necessary with this program. However, if you wish customize report periods (i.e. define five minute periods during rush periods or inactivate periods during closed times) you can individually define periods with this program.

Tap **TIME PERIOD** button on **TIME** window, then **TIME PERIOD PROGRAMMING** screen will pop-up. Tap **CLOSE** to exit when 24 periods is selected. When 48 or 96 periods is selected, tap **PAGE UP** or **PAGE DOWN** button to browse through all available periods. To Program, tap on each button to enter preferred time through pop-up numeric pad.



↑ 24 Time Periods



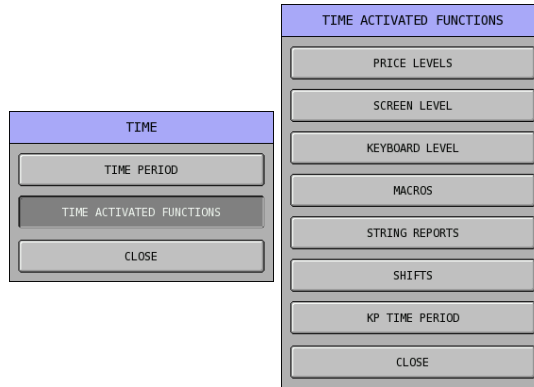
↑ 48 Time Periods

↑ 96 Time Periods

Time Activate Functions

Certain functions in SPS-500 can be programmed in different levels, shifts or purposes, then switch automatically by setup Time Activate schedule. These functions include - Price Level, Screen Level, Keyboard Level, MACROS, String Reports, Shifts and KP Time Period. This section is the place to setup Time Activate schedules for those functions.

☞ Tap **TIME ACTIVATED FUNCTIONS** button on **TIME** window, then **TIME ACTIVATED FUNCTION** window will pop-up. Tap **CLOSE** to exit.



Price Levels (Function key)

Tap **PRICE LEVELS** button on **TIME ACTIVATED FUNCTIONS** window, then **TIME ACTIVATED PRICE LEVEL#1** screen will pop-up. Tap **PAGE UP** or **PAGE DOWN** button to browse through all available **20 PRICE LEVELS** or tap **CLOSE** to exit. To program, tap on each button to enter preferred number through pop-up numeric pad.



Tab	#	Item
		PRICE LEVEL# (function key) This shows the current Price Level (function key) is programming. Default : 1 (1 ~ 20)
		ACTIVATE AT (99:99 = DISABLED) Set activate time for current Price Level (function key) Default : 99:99 [DISABLED] (HOURS - 00 ~ 23, 99; MINUTES – 00 ~ 59, 99)
		END TIME (99:99 = DISABLED) Set time for the end of activate period for current Price Level (function key) Default : 99:99 [DISABLED] (HOURS - 00 ~ 23, 99; MINUTES – 00 ~ 59, 99)
		END TIME PRICE LEVEL (1-20) (function key) Set a replacement Price Level (function key) after activate time period ends. Default : 1 (1 ~ 20)
		WEEK / ACTIVATE AT SPECIFIC DAY(MM/DD) Select the day(s) of a week (weekly) or a specific date for the current Price Level (function key) to work. When weekly is selected, tick the days of the week. If a specific date is needed, tick the box before the grey out date, then weekly will grey out and date entry will be enabled. Default : <input checked="" type="checkbox"/> SUN <input checked="" type="checkbox"/> MON <input checked="" type="checkbox"/> TUE <input checked="" type="checkbox"/> WED <input checked="" type="checkbox"/> THU <input checked="" type="checkbox"/> FRI <input checked="" type="checkbox"/> SAT [All ticked] (Select / deselect day(s) of a week, or set a specific day (MONTHS - 0 ~ 12; DATE - 0 ~ 31)
		PROMPT FOR CONFIRMATION Use to determine if a pop-up confirmation is needed for this action. Default : NO (YES)

Screen (Key Link) Levels

Tap **SCREEN LEVEL** button on **TIME ACTIVATED FUNCTIONS** window, then **TIME ACTIVATED SCREEN LEVEL#2** screen (for **Screen #1**) will pop-up. Tap **PAGE UP** or **PAGE DOWN** button to browse through all available **201 SCREENS (Key Links)** or tap **CLOSE** to exit. To program, tap on each button to enter preferred number through pop-up numeric pad.

Tab	#	Item
		SCREEN (Key Link) LEVEL# (0-200) This shows the current Screen (Key Link) Level is programming. Default : 1 (0 ~ 200)
		ACTIVATE AT (99:99 = DISABLED) Set activate time for current Screen (Key Link) Level Default : 99:99 [DISABLED] (HOURS - 00 ~ 23, 99; MINUTES – 00 ~ 59, 99)
		END TIME (99:99 = DISABLED) Set time for the end of activate period for current Screen (Key Link) Level Default : 99:99 [DISABLED] (HOURS - 00 ~ 23, 99; MINUTES – 00 ~ 59, 99)
		END TIME SCREEN (Key Link) LEVEL (0-200) Set a replacement Screen (Key Link) Level after activate time period ends. Default : 1 (0 ~ 200)
		WEEK / ACTIVATE AT SPECIFIC DAY(MM/DD) Select the day(s) of a week (weekly) or a specific date for the current Screen (Key Link) Level to work. When weekly is selected, tick the days of the week. If a specific date is needed, tick the box before the grey out date, then weekly will grey out and date entry will be enabled. Default : <input checked="" type="checkbox"/> SUN <input checked="" type="checkbox"/> MON <input checked="" type="checkbox"/> TUE <input checked="" type="checkbox"/> WED <input checked="" type="checkbox"/> THU <input checked="" type="checkbox"/> FRI <input checked="" type="checkbox"/> SAT [All ticked] (Select / deselect day(s) of a week, or set a specific day (MONTHS - 0 ~ 12; DATE - 0 ~ 31)
		PROMPT FOR CONFIRMATION Use to determine if a pop-up confirmation is needed for this action. Default : NO (YES)

NOTE: The default Screen (Key Link) Level is “#2”, but it is for **Screen (Key Link) #1**. As in SPS-500, the “First Screen (Key Link)” is #0 (Home Screen) and it is numbered to “**Screen (Key Link) Level #1**”. So, “Level #1” is for “#0”; “Level #2” for “#1”, “Level #3” for “#2”,... and so on... “Level #200” is for “#199” and the last level - “Level #201” is for the last screen “#200”

Keyboard Levels

Tap **KEYBOARD LEVEL** button on **TIME ACTIVATED FUNCTIONS** window, then **TIME ACTIVATED KEYBOARD LEVEL#1** screen will pop-up. Tap **PAGE UP** or **PAGE DOWN** button to browse through all available **5 KEYBOARD LEVELS** or tap **CLOSE** to exit. To program, tap on each button to enter preferred number through pop-up numeric pad.

The image shows two screenshots of a software interface. The left screenshot is titled 'TIME ACTIVATED FUNCTIONS' and contains a vertical list of buttons: PRICE LEVELS, SCREEN LEVEL, KEYBOARD LEVEL (highlighted), MACROS, STRING REPORTS, SHIFTS, KP TIME PERIOD, and CLOSE. The right screenshot is titled 'TIME ACTIVATE KEYBOARD LEVEL#1' and contains the following fields and controls: 'KEYBOARD LEVEL# (1-5)' with a numeric keypad showing '1'; 'ACTIVATE AT (99:99 = DISABLED)' with a numeric keypad showing '99:99'; 'END TIME (99:99 = DISABLED)' with a numeric keypad showing '99:99'; 'END TIME KEYBOARD LEVEL (1-5)' with a numeric keypad showing '0'; 'WEEK / ACTIVATE AT SPECIFIC DAY(MM/DD)' with a checkbox and a numeric keypad showing '0/0'; a row of checkboxes for days of the week (SUN, MON, TUE, WED, THU, FRI, SAT), all of which are checked; 'PROMPT FOR CONFIRMATION' with a 'NO' button; and at the bottom, three buttons: 'PAGE UP', 'PAGE DOWN', and 'CLOSE'.

Tab	#	Item
		KEYBOARD LEVEL# (1-5) This shows the current Keyboard Level is programming. Default : 1 (1 ~ 5)
		ACTIVATE AT (99:99 = DISABLED) Set activate time for current Keyboard Level Default : 99:99 [DISABLED] (HOURS - 00 ~ 23, 99; MINUTES – 00 ~ 59, 99)
		END TIME (99:99 = DISABLED) Set time for the end of activate period for current Keyboard Level Default : 99:99 [DISABLED] (HOURS - 00 ~ 23, 99; MINUTES – 00 ~ 59, 99)
		END TIME KEYBOARD LEVEL (1-5) Set a replacement Keyboard Level after activate time period ends. Default : 1 (0 ~ 200)
		WEEK / ACTIVATE AT SPECIFIC DAY(MM/DD) Select the day(s) of a week (weekly) or a specific date for the current Keyboard Level to work. When weekly is selected, tick the days of the week. If a specific date is needed, tick the box before the grey out date, then weekly will grey out and date entry will be enabled. Default : <input checked="" type="checkbox"/> SUN <input checked="" type="checkbox"/> MON <input checked="" type="checkbox"/> TUE <input checked="" type="checkbox"/> WED <input checked="" type="checkbox"/> THU <input checked="" type="checkbox"/> FRI <input checked="" type="checkbox"/> SAT [All ticked] (Select / deselect day(s) of a week, or set a specific day (MONTHS - 0 ~ 12; DATE - 0 ~ 31)
		PROMPT FOR CONFIRMATION Use to determine if a pop-up confirmation is needed for this action. Default : NO (YES)

Macros

Tap **MACROS** button on **TIME ACTIVATED FUNCTIONS** window, then **TIME ACTIVATED MACRO# 1** screen will pop-up. Tap **PAGE UP** or **PAGE DOWN** button to browse through all available **99 MACROS** or tap **CLOSE** to exit. To program, tap on each button to enter preferred number through pop-up numeric pad.



Tab	#	Item
		MACRO# (1-99) This shows the current MACRO (function key) is programming. Default : 1 (1 ~ 5)
		ACTIVATE AT (99:99 = DISABLED) Set activate time for current MACRO (function key) Default : 99:99 [DISABLED] (HOURS - 00 ~ 23, 99; MINUTES – 00 ~ 59, 99)
		REPEAT EVERY MINUTES(0 = NO REPEAT) Default : 000 (0 ~ 999)
		WEEK / ACTIVATE AT SPECIFIC DAY(MM/DD) Select the day(s) of a week (weekly) or a specific date for the current MACRO (function key) to work. When weekly is selected, tick the days of the week. If a specific date is needed, tick the box before the grey out date, then weekly will grey out and date entry will be enabled. Default : <input checked="" type="checkbox"/> SUN <input checked="" type="checkbox"/> MON <input checked="" type="checkbox"/> TUE <input checked="" type="checkbox"/> WED <input checked="" type="checkbox"/> THU <input checked="" type="checkbox"/> FRI <input checked="" type="checkbox"/> SAT [All ticked] (Select / deselect day(s) of a week, or set a specific day (MONTHS - 0 ~ 12; DATE - 0 ~ 31)
		PROMPT FOR CONFIRMATION Use to determine if a pop-up confirmation is needed for this action. Default : NO (YES)

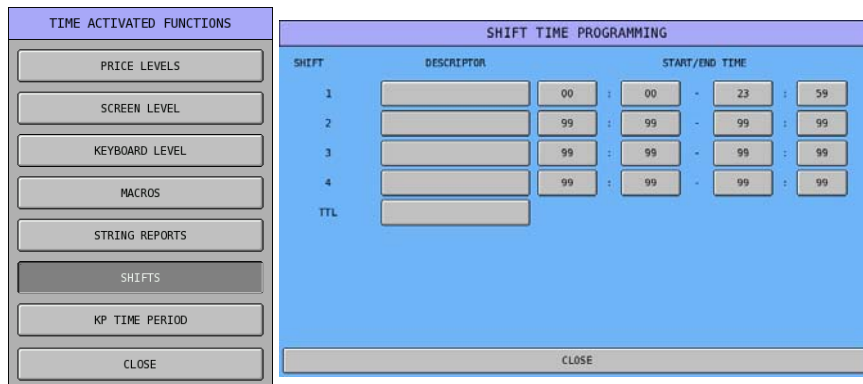
String Reports

Tap **STRING REPORTS** button on **TIME ACTIVATED FUNCTIONS** window, then **TIME ACTIVATED STRING REPORT#1** screen will pop-up. Tap **PAGE UP** or **PAGE DOWN** button to browse through all available **4 STRING REPORTS** or tap **CLOSE** to exit. To program, tap on each button to enter preferred number through pop-up numeric pad.

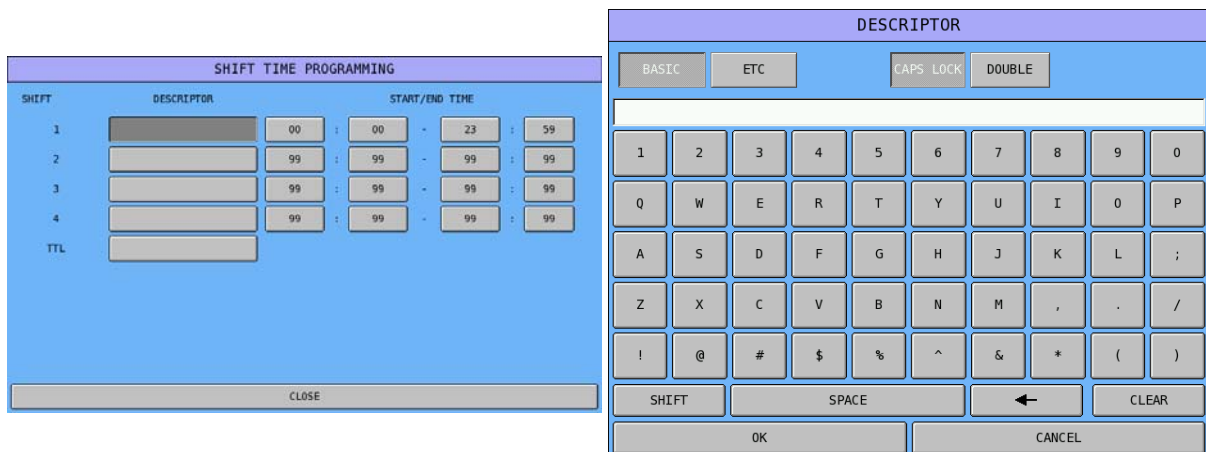
Tab	#	Item
		STRING REPORT# (1-4) This shows the current String Report is programming. Default : 1 (1 ~ 4)
		ACTIVATE AT (99:99 = DISABLED) Set activate time for current String Report Default : 99:99 [DISABLED] (HOURS - 00 ~ 23, 99; MINUTES – 00 ~ 59, 99)
		REPEAT EVERY MINUTES(0 = NO REPEAT) Default : 000 (0 ~ 999)
		WEEK / ACTIVATE AT SPECIFIC DAY(MM/DD) Select the day(s) of a week (weekly) or a specific date for the current String Report to work. When weekly is selected, tick the days of the week. If a specific date is needed, tick the box before the grey out date, then weekly will grey out and date entry will be enabled. Default : <input checked="" type="checkbox"/> SUN <input checked="" type="checkbox"/> MON <input checked="" type="checkbox"/> TUE <input checked="" type="checkbox"/> WED <input checked="" type="checkbox"/> THU <input checked="" type="checkbox"/> FRI <input checked="" type="checkbox"/> SAT [All ticked] (Select / deselect day(s) of a week, or set a specific day (MONTHS - 0 ~ 12; DATE - 0 ~ 31)
		IRC OPTION : Use to determine which type of IRC options will current String Report that is programming runs. Default : STANDALONE (IRC ALL)
		REG# ISSUES IRC STRING REPORT When the current String Report is running under IRC ALL, use to determine which register will the IRC String Report will print to. Default : 00 (0 ~ 32 (←99))
		PROMPT FOR CONFIRMATION Use to determine if a pop-up confirmation is needed for this action. Default : NO (YES)
		REPORT : PRINT / SEND TO FTP? Use to determine how the current String Report will issued? <i>Please see S-Mode, S-MODE SYSTEM OPTION → OPTION#4 for network settings, and S-Mode, SRAM BACKUP → FTP for FTP server settings.</i> Default : PRINT (SEND TO FTP / BOTH)

Shifts

Tap **SHIFTS** button on **TIME ACTIVATED FUNCTIONS** window, then **SHIFT TIME PROGRAMMING** screen will pop-up. Tap **CLOSE** to exit. To program, tap on each button to enter preferred number through pop-up numeric pad.

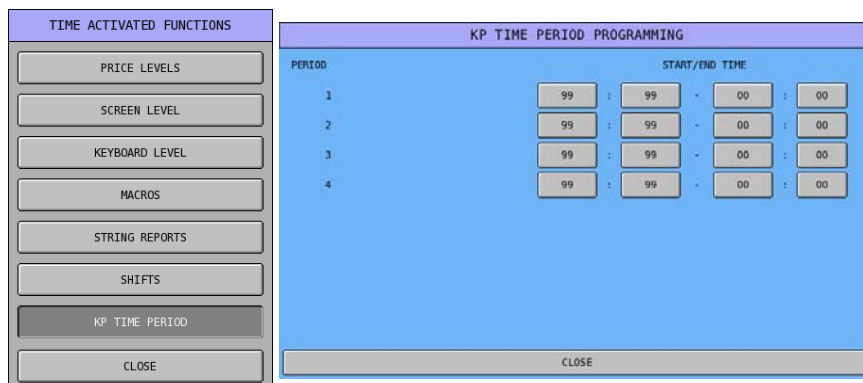


Tap **blank** button of **DESCRIPTOR** on **SHIFT TIME PROGRAMMING** screen, then **DESCRIPTOR** window will pop-up. Enter the name for the Shift through the **DESCRIPTOR** window, or tap **CANCEL** to exit.



KP Time Period

Tap **KP TIME PERIOD** button on **TIME ACTIVATED FUNCTIONS** window, then **KP TIME PERIOD PROGRAMMING** screen will pop-up. Tap **CLOSE** to exit. To program, tap on each button to enter preferred number through pop-up numeric pad.



Product & Ingredient

NOTE: Be careful not to confuse the separate and distinct inventory features.

- Recipes and Ingredients - Stock control of components making up a saleable product (a PLU).
- Product Mix Items - Usage analysis of Group of saleable products (PLUs)
- PLU Stock - Stock control of a saleable product (a PLU)

A *menu-explosion type inventory system* is set up when PLUs are linked to a recipe#. Recipes and Ingredients are programmed with this program.

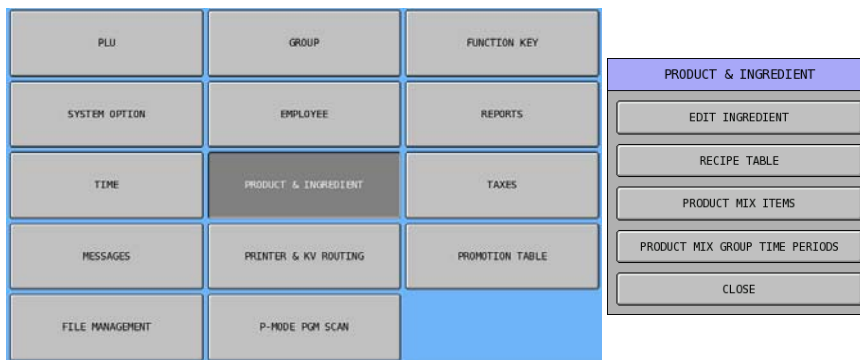
Product Mix Groups can be used to implement a simplified ingredient system for tracking only essential ingredients associated with items (i.e. cups for beverages or number of pieces for chicken menus.)

Product Mix Groups also report usage by time period and optional **Product Projections** reporting is also available.

The Product Projection report provides a history of each item's sales by day of week. **Product Mix Items** and **Product Mix Group Time Periods** are also programmed set with this program.

If used, The PLU Stock counters decrements for each activity in the PLU. PLU stock is set in the PLU programming, see **P-Mode, PLU → PLU STATUS GROUP → 16. STOCK PLU?**

☞ Tap **PRODUCT & INGREDIENT** button on **P-Mode** screen, and **PRODUCT & INGREDIENT** window will pop-up. Tap **CLOSE** to exit.



Edit Ingredient

Program ingredients into system to form the foundation of this Product and Ingredient programming.

- Tap **EDIT INGREDIENT** button on **PRODUCT & INGREDIENT** window, then **INGREDIENT PROGRAMMING** screen will pop-up. Tap **PAGE UP** or **PAGE DOWN** button to browse through all available Ingredients or tap **CLOSE** to exit.

NOTE: Default number of Ingredient is 20. To modify the maximum number of Ingredient, please see **S-Mode, MEMORY ALLOCATION → OPTION#3 → 18. # OF INVENTORY INGREDIENT**.

- Tap **blank** button of **Descriptor, DESCRIPTOR** window will pop-up. Enter name of the ingredient, tap **OK** to confirm or **CANCEL** to exit.

- Tap **000.000** button of the **COST, COST** numeric pad will pop-up. Enter unit price of the ingredient, tap **OK** to confirm or **CANCEL** to exit. You can enter unit price down to the 3rd digit after decimal point.

Recipe Table

The next step is to program the recipe table. A receipt may be combined by other recipes or is made by list of ingredients.

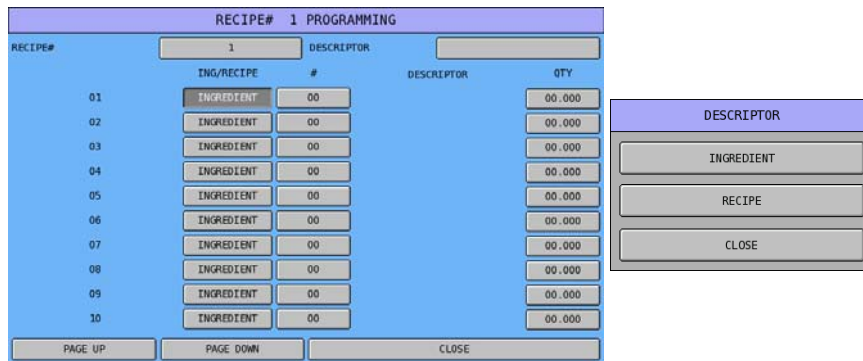
- Tap **RECIPE TABLE** button on **PRODUCT & INGREDIENT** window, then **RECIPE# 1 PROGRAMMING** screen will pop-up. Tap **PAGE UP** or **PAGE DOWN** button to browse through all available 20 Ingredients for each Recipe then Recipes or tap **CLOSE** to exit.

NOTE: Default number of Recipe is 10. To modify the maximum number of Recipe, please see **S-Mode, MEMORY ALLOCATION → OPTION#3 → 17. # OF RECIPE**.

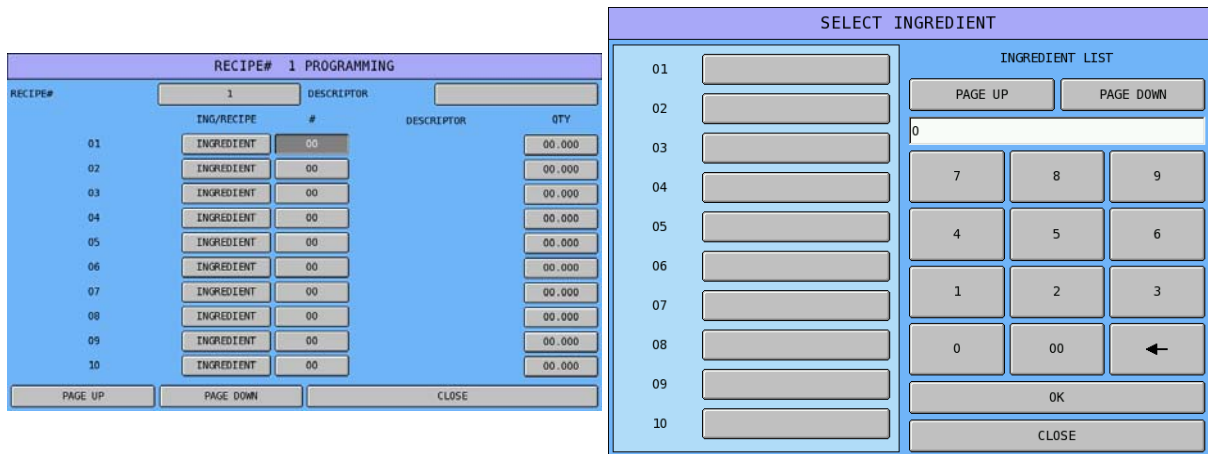
- Tap **1** button of **Recipe**, **RECIPE#** numeric pad will pop-up. Enter number of the recipe, tap **OK** to quick access the recipe or **CANCEL** to exit.

- Tap **blank** button of **Descriptor**, **DESCRIPTOR** window will pop-up. Enter the name of the recipe, then tap **OK** to confirm or **CANCEL** to exit.

Tap **INGREDIENT** button of **ING/RECIPE** column, **DESCRIPTOR** window will pop-up. Select the type, or **CLOSE** to exit without change.

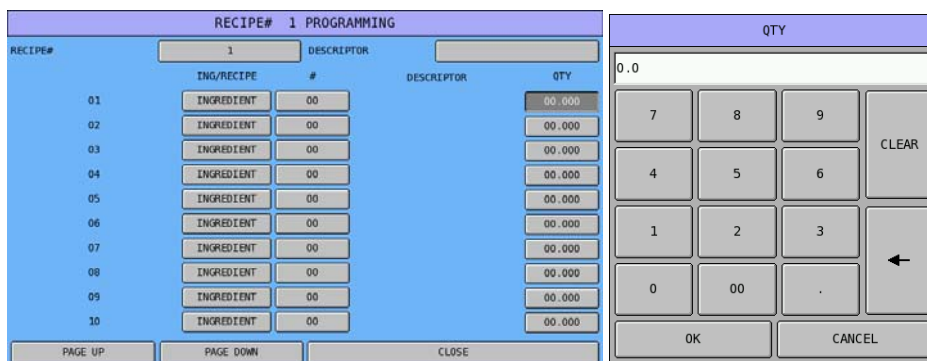


Tap **00** button of **#** column, when **ING/RECIPE** is an Ingredient, **SELECT INGREDIENT** window will pop-up. Select Ingredient from the list, or **PAGE UP**, **PAGE DOWN** to browse through the list, or enter the number through numeric pad, or **CLOSE** to exit.



NOTE: When **ING/RECIPE** is a Recipe, **SELECT RECIPE** window will pop-up instead.

Tap **00.000** button of **QTY** column, **QTY** numeric pad will pop-up. Enter number of the quantity; tap **OK** to confirm, or **CANCEL** to exit.



Product Mix Items

The next step is to program the recipe table. A receipt may be combined by other recipes or is made by list of ingredients.

- Tap **PRODUCT MIX GROUP** button on **PRODUCT & INGREDIENT** window, then **PRODUCT MIX ITEM PROGRAMMING** screen will pop-up. Tap **CLOSE** to exit.

NOTE: Default number of Recipe is 10. To modify the maximum number of Recipe, please see **S-Mode, MEMORY ALLOCATION → OPTION#2 → 14. # OF PRODUCT MIX GROUPS**. When this has modified to more than 10, **PAGE UP** and **PAGE DOWN** will appear in **PRODUCT MIX ITEM PROGRAMMING** screen, use them to browse through all available Product Mix Item.

- Tap **blank** button of **DESCRIPTION** column, then **DESCRIPTOR** window will pop-up. Enter the name of the Product Mix Item through the Descriptor window, tap **OK** to confirm, or **CANCEL** to exit.

- Tap **000** button of **PCS/UNIT** column, then enter the Pcs/Unit number through pop-up numeric pad. Tap **OK** to confirm, **CANCEL** to exit.

Tap **blank** button of **UNIT DESC** column, then **UNIT DESC** window will pop-up. Enter the name of the Unit Descriptor through the Unit Desc window, tap **OK** to confirm, or **CANCEL** to exit.



Product Mix Group Time Periods

Memory allocation determines whether there are 24, 48, or 96 product mix group time periods. (Time periods used for the Product Mix and Projections reports are defined separately from the time periods used for Time Period sales reporting.) Product mix group time periods will default to hourly periods if 24 periods are selected in memory allocation; 30-minute periods if 48 periods are selected; 15-minute periods if 96 periods are selected.

Periods can be set to custom lengths using this program. Enter the times for each period. Choose **YES** if you wish the period total to add to the summary total at the bottom of the report. Choose **NO** if you wish the period total **NOT** to add to the summary total at the bottom of the report.

All time units are based upon a 24-hour clock (military time).

Tap **PRODUCT MIX GROUP TIME PERIOD** button on **PRODUCT & INGREDIENT** window, then **PRODUCT MIX TIME PERIOD PROGRAMMING** screen will pop-up. Tap **CLOSE** to exit.

PRODUCT MIX TIME PERIOD PROGRAMMING											
# OF PERIODS SET IN MEMORY : 24											
1	00	:00	00	:59	YES	13	12	:00	12	:59	YES
2	01	:00	01	:59	YES	14	13	:00	13	:59	YES
3	02	:00	02	:59	YES	15	14	:00	14	:59	YES
4	03	:00	03	:59	YES	16	15	:00	15	:59	YES
5	04	:00	04	:59	YES	17	16	:00	16	:59	YES
6	05	:00	05	:59	YES	18	17	:00	17	:59	YES
7	06	:00	06	:59	YES	19	18	:00	18	:59	YES
8	07	:00	07	:59	YES	20	19	:00	19	:59	YES
9	08	:00	08	:59	YES	21	20	:00	20	:59	YES
10	09	:00	09	:59	YES	22	21	:00	21	:59	YES
11	10	:00	10	:59	YES	23	22	:00	22	:59	YES
12	11	:00	11	:59	YES	24	23	:00	23	:59	YES
CLOSE											

NOTE: Default Product Mix Group Time Period is 24. If more Product Mix Group Time Period is needed, to modify, please see **S-Mode, MEMORY ALLOCATION → OPTION#3 → 15. # OF PRODUCT MIX TIME PERIOD (24/48/96)**. When this has modified to other than 10, **PAGE UP** and **PAGE DOWN** will appear in **PRODUCT MIX TIME PERIOD PROGRAMMING** screen, use them to browse through all available Product Mix Time Periods.

Taxes

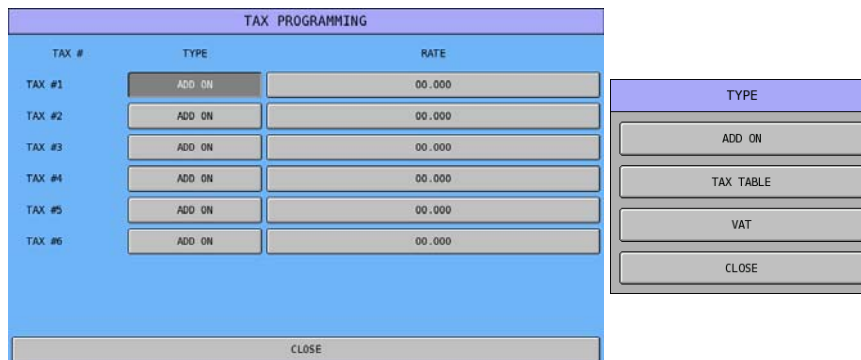
NOTE: Although **TAX RATE** is programmed here, please see **PGM-Mode, SYSTEM OPTION → TAX OPTIONS** for related **Tax** option programming.

This section is the place to program the tax rate for the register.

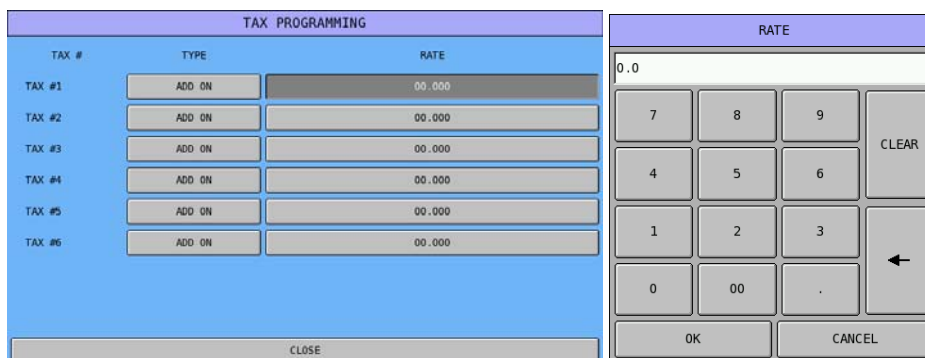
☞ Tap **TAXES** button in **P-Mode** screen, then **TAXES PROGRAMMING** screen will pop-up up. Tap **CLOSE** to exit.



☞ Tap **ADD ON** button of **Tax Type** for **Tax #1**, then **TYPE** window will pop-up. Tap on the button to select Tax Type, tap **CLOSE** to exit.



☞ Tap **00.000** button of **Tax Rate** for **Tax #1**, then **RATE** numeric pad will pop-up. Enter the rate with decimal point or tap **CANCEL** to exit.



Programming examples for both **Australian** and **New Zealand** GST are on next page.

TAX PROGRAMMING		
TAX #	TYPE	RATE
TAX #1	VAT	10.000
TAX #2	ADD ON	00.000
TAX #3	ADD ON	00.000
TAX #4	ADD ON	00.000
TAX #5	ADD ON	00.000
TAX #6	ADD ON	00.000
CLOSE		

↑ **Australia** Rounding System

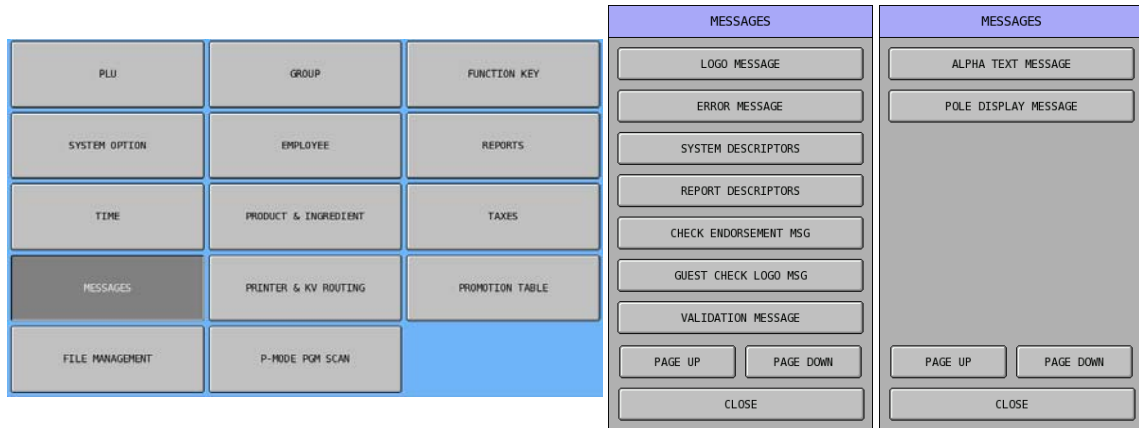
TAX PROGRAMMING		
TAX #	TYPE	RATE
TAX #1	VAT	12.500
TAX #2	ADD ON	00.000
TAX #3	ADD ON	00.000
TAX #4	ADD ON	00.000
TAX #5	ADD ON	00.000
TAX #6	ADD ON	00.000
CLOSE		

↑ **New Zealand** Rounding System

Messages

This section is the place where both pre-programmed and customised messages stored. Various messages and descriptors are set with this program. It is also where receipt and bill header/footer is programmed.

☞ Tap **MESSAGES** button in **P-Mode** screen, then **MESSAGES** window will pop-up. Tap **PAGE UP** button or **PAGE DOWN** button to browse through available options, tap **CLOSE** if you want to exit.

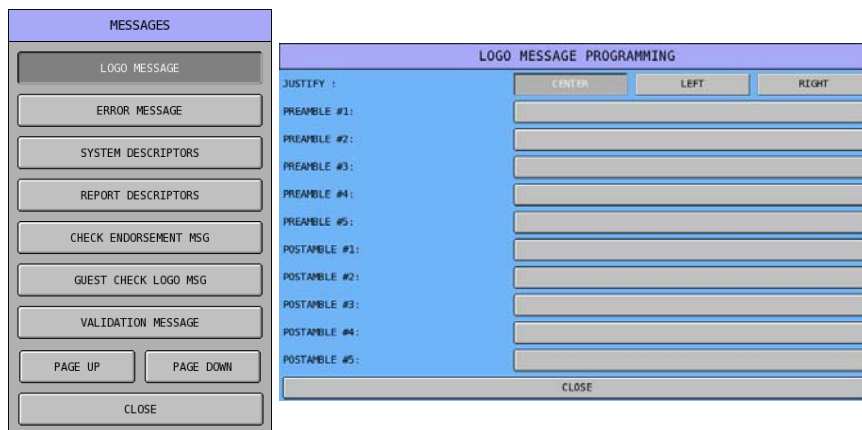


Logo Message

Used to program the sale receipt Preamble (Header) and Postamble (Footer) messages. On SPS-500, there are 5-lines x 40 characters for both Preamble and Postamble section. The justification selection can be used to auto center etc. the messages programmed.

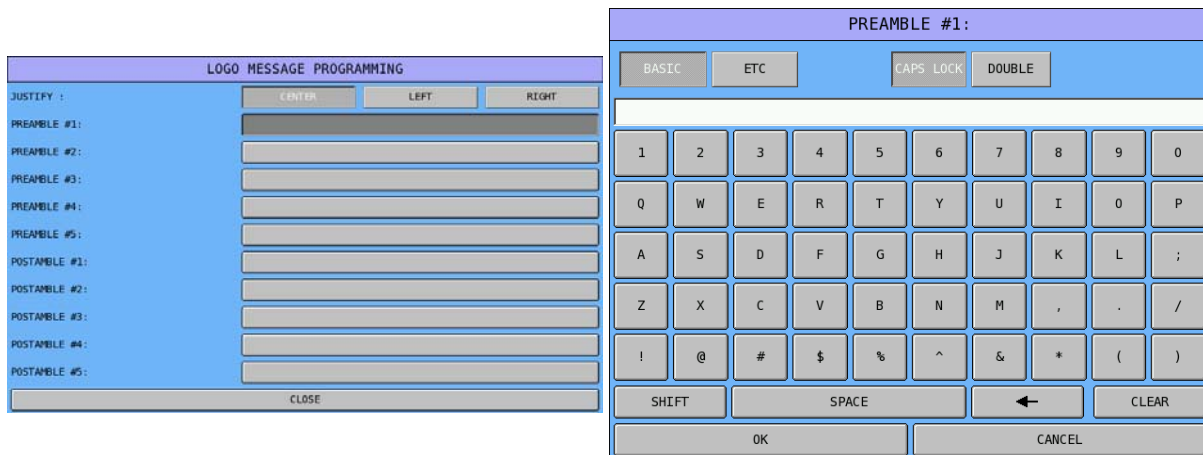
NOTE: On SPS-500, you can also program **Logo Message for Guest Check** later in **MESSAGE** section and make it different from **general Logo Message** programmed here. If you want to simply just use general Logo Message on Guest Check, please see **P-Mode, SYSTEM OPTION → GENERAL PRINTING OPTIONS → OPTION#3 → 21. GUEST CHECK PREAMBLE/POSTAMBLE**: for detail.

☞ Tap **LOGO MESSAGE** button on **MESSAGE** window, then **LOGO MESSAGE PROGRAMMING** screen will pop-up up.



NOTE: The justification of Logo Message has been set to **CENTER**. If you happen to change this setting, just tap the one you prefer. However, it always shows centered on the screen.

☞ Tap one of the blank bars you want to program, i.e. **PREAMBLE #1**, then **PREAMBLE #1**: window will pop-up for Logo Message entry. Tap **OK** to confirm, **CANCEL** to discard.



Error Message

This can be used to change the default error message to your own custom requirements. There are totally 223 error messages which 30 characters per message. Displays on message line of screen.

- Tap **ERROR MESSAGE** button on **MESSAGE** window, then **ERROR MESSAGE PROGRAMMING** screen will pop-up up. Tap **PAGE UP** button or **PAGE DOWN** button to browse through all 223 available messages, tap **CLOSE** to exit.

The image shows two side-by-side screenshots of the system's programming interface. The left screenshot, titled 'MESSAGES', displays a vertical list of menu options: LOGO MESSAGE, ERROR MESSAGE (highlighted), SYSTEM DESCRIPTORS, REPORT DESCRIPTORS, CHECK ENDORSEMENT MSG, GUEST CHECK LOGO MSG, VALIDATION MESSAGE, PAGE UP, PAGE DOWN, and CLOSE. The right screenshot, titled 'ERROR MESSAGE PROGRAMMING', shows a list of error codes (ERR#001 to ERR#011) on the left and their corresponding default messages in buttons on the right. The messages include '(NOT USE)', 'AMOUNT REQUIRED', 'BAD VALUE', 'BUFFER FULL', 'BUFFER EMPTY', 'BUSY', 'BAD COMMAND', 'CASH DECLARATION REQUIRED', 'CASH-IN-DRAWER EXCEEDED', and 'CHECK# ASSIGNED AUTO'. At the bottom of this screen are 'PAGE UP', 'PAGE DOWN', and 'CLOSE' buttons.

- Tap one of the message bars you want to program, i.e. **AMOUNT REQUIRED** of **ERR#003**, then **ERR#003** window will pop-up for custom message entry. Tap **OK** to confirm, **CANCEL** to discard.

The image shows two screenshots related to error message programming. The left screenshot is a view of the 'ERROR MESSAGE PROGRAMMING' screen where the 'AMOUNT REQUIRED' message for 'ERR#003' is highlighted. The right screenshot shows the 'ERR#003' programming window. It features a header with 'ERR#003' and options for 'BASIC', 'ETC', 'CAPS LOCK', and 'DOUBLE'. Below this is a grid for entering the message text, with a title 'AMOUNT REQUIRED' above it. The grid contains a numeric keypad (0-9), an alphanumeric keypad (QWERTYUIOP, ASDFGHJKL;, ZXCVBNM, !@#\$%^&*()), and special keys for SHIFT, SPACE, a left arrow, and CLEAR. At the bottom are 'OK' and 'CANCEL' buttons.

Error Message Table

ERR#001	(NOT USE)
ERR#002	(NOT USE)
ERR#003	AMOUNT REQUIRED
ERR#004	BAD VALUE
ERR#005	BUFFER FULL
ERR#006	BUFFER EMPTY
ERR#007	BUSY
ERR#008	BAD COMMAND
ERR#009	CASH DECLARATION REQUIRED
ERR#010	CASH-IN-DRAWER EXCEEDED
ERR#011	CHECK# ASSIGNED AUTO
ERR#012	CHECK# REQUIRED !
ERR#013	CONDIMENT REQUIRED !
ERR#014	CRC ERROR
ERR#015	DUPLICATE!
ERR#016	EAT-IN/TAKE-OUT/DRV-THRU
ERR#017	ENTER EMPLOYEE CODE
ERR#018	ENTER EMPLOYEE #
ERR#019	ENTER GUEST COUNT
ERR#020	ENTER SEAT#
ERR#021	ENTER TABLE#
ERR#022	ENTRY REQUIRED
ERR#023	ERROR
ERR#024	ERROR JAM
ERR#025	TABLE NUMBER IN USE
ERR#026	HALO OVER!
ERR#027	ILLEGAL KEY SEQUENCE
ERR#028	IN USE!
ERR#029	INACTIVE!
ERR#030	INPUT QTY
ERR#031	KITCHEN PRINTER FAILURE
ERR#032	MANAGER REQUIRED
ERR#033	MANAGER OVERRIDE REQUIRE
ERR#034	MEMORY FULL
ERR#035	NEGATIVE
ERR#036	NO CHECK#
ERR#037	NO DATA
ERR#038	NO DRAWER!
ERR#039	NO MANUAL ENTRY
ERR#040	NO PAPER
ERR#041	NO PLU!
ERR#042	NON ADD# REQUIRED
ERR#043	NOT DISCOUNTABLE
ERR#044	NOT PROGRAMMED !
ERR#045	NOT READY!
ERR#046	NOT ZERO
ERR#047	OFF LINE!
ERR#048	OPEN DRAWER
ERR#049	P/BAL REQUIRED
ERR#050	PAPER END
ERR#051	RANGE OVER
ERR#052	REMOVE PAPER
ERR#053	SCALE FAIL!
ERR#054	SCALE REQUIRED!
ERR#055	SINGLE ITEM!

ERR#056	SUBTOTAL REQUIRED
ERR#057	SYSTEM ERROR
ERR#058	TARE# REQUIRED
ERR#059	TRAY SUBTOTAL REQUIRED!
ERR#060	VALIDATION REQUIRED
ERR#061	WASTE REQUIRED!
ERR#062	WRONG EMPLOYEE
ERR#063	SIGN OFF REQUIRED
ERR#064	ZERO AMOUNT
ERR#065	PRICE LEVEL MISMATCH
ERR#066	OVERRIDE NOT ALLOWED
ERR#067	WRONG SEQUENCE
ERR#068	WRONG COMMAND
ERR#069	WRONG FILE NO
ERR#070	WRONG ITEMIZER
ERR#071	UNDER TEND NOT ALLOWED
ERR#072	OVER TEND NOT ALLOWED
ERR#073	CHECK TRACKING ERROR
ERR#074	USING
ERR#075	PLU NOT ALLOWED
ERR#076	CONDIMENT PLU NOT ALLOWED
ERR#077	NON-CONDIMENT PLU NOT ALLOWED
ERR#078	FUNCTION KEY NOT ALLOWED
ERR#079	THIS KEY NOT ALLOWED
ERR#080	NO FUNCTION KEY
ERR#081	NO PROGRAMMABLE KEY
ERR#082	X/TIME REQUIRED
ERR#083	INVALID AUTHORITY LEVEL
ERR#084	TIME IN REQUIRED
ERR#085	SIGN ON REQUIRED
ERR#086	MEMORY NOT ALLOCATED
ERR#087	THIS EMP. RPT MUST BE CLEARED
ERR#088	ERROR STATUS
ERR#089	ERROR VALUE
ERR#090	ERROR SYSTEM OPTION
ERR#091	ERROR EMPLOYEE
ERR#092	ERROR TABLE NO
ERR#093	SCALE MOTION
ERR#094	OVER WEIGHT
ERR#095	UNDER WEIGHT
ERR#096	PROMO NOT ALLOWED
ERR#097	WASTE NOT ALLOWED
ERR#098	NO FOOD STAMP AMOUNT
ERR#099	DECIMAL ENTRY NOT ALLOWED
ERR#100	SPLIT PRICING NOT ALLOWED
ERR#101	VOID MODE IS DEACTIVATED
ERR#102	JOB CODE REQUIRED
ERR#103	JOB CODE CHANGE NOT ALLOWED
ERR#104	PUSH BUTTON ENTRY REQUIRED
ERR#105	EMPLOYEE CODE NOT LINKED
ERR#106	TENDERING IS NOT ALLOWED
ERR#107	OVER REGULAR HOURS PER WEEK
ERR#108	MUST <= LINE# PER TRANSACTION
ERR#109	MUST >= LINE# PER SOFT CHECK
ERR#110	NO STOCK PLU

ERR#111	NEGATIVE CARD
ERR#112	LINKED STATUS REQUIRED
ERR#113	RETURN TO X-MODE
ERR#114	ERROR - SLIP PAPER
ERR#115	LOCAL PRINTER REQUIRED
ERR#116	CHECK NETWORK SETTING
ERR#117	SET TIME&DATE IS DEACTIVATED
ERR#118	EMPLOYEE SHOULD BE DIFFERENT
ERR#119	TRANSFER NOT ALLOWED
ERR#120	REQ GALLONAGE AMOUNT
ERR#121	AVAILABLE ONLY IN CHECK
ERR#122	SPLIT THIS ITEM NOT POSSIBLE
ERR#123	FUNCTION KEY NOT INCLUDED
ERR#124	ERROR POST TENDER
ERR#125	NO TRACKING DATA IN THIS REG
ERR#126	NO TIME KEEP DATA IN THIS REG
ERR#127	MULTIPLICATION LIMIT EXCEEDED
ERR#128	TAB OF FIELD2 TOO BIG
ERR#129	NON-PLU CODE RANGE OVER
ERR#130	TARE ENTRY NOT ALLOWED
ERR#131	MISC TEND REQUIRED
ERR#132	SAME CHECK TRACK REQUIRED
ERR#133	NOT SCALEABLE PLU
ERR#134	EJ BUFFER FULL
ERR#135	MUST BE START <= END IN RANGE
ERR#136	RANGE OVERLAP
ERR#137	FINAL END SHOULD BE 9 OR 99
ERR#138	NOT PLU
ERR#139	NOT WLU
ERR#140	PRINT KEY REQUIRED
ERR#141	SURCHARGE NOT ALLOWED
ERR#142	DECIMAL ENTRY REQUIRED
ERR#143	SYSTEM REG# REQUIRED
ERR#144	TRAINING EMP FILE# REQUIRED
ERR#145	TIME IN/OUT REG# REQUIRED
ERR#146	CHECK TRACKING REG# REQUIRED
ERR#147	ELECTRONIC JOURNAL INACTIVE
ERR#148	CHEQUE ENDORSEMENT REQUIRED
ERR#149	EFT CANCELED
ERR#150	CARD ERROR
ERR#151	PRINTER OFFLINE
ERR#152	KV OFFLINE
ERR#153	NO RELOCATABLE KEY
ERR#154	DALLAS KEY COMPULSORY
ERR#155	ENFORCE ACTUAL INVENTORY
ERR#156	AUTHORITY LEVEL NOT LINKED
ERR#157	WEIGHT IS ZERO
ERR#158	STOCK IS NOT ZERO
ERR#159	CLEAR CAN NOT BE REMOVED
ERR#160	ENTER CAN NOT BE REMOVED
ERR#161	YES/NO CAN NOT BE REMOVED
ERR#162	THIS NUMERIC CAN'T BE REMOVED
ERR#163	INCORRECT CODE
ERR#164	SOFT CHECK ONLY
ERR#165	INACTIVE PLU
ERR#166	MULTIPLE DISCOUNT NOT ALLOWED
ERR#167	NEW CHECK OPENED
ERR#168	NO MORE SPLIT TENDER ALLOWED

ERR#169	CHECK POLE DISPLAY
ERR#170	MUST MAX.NONTAXABLE<=BRK PNT1
ERR#171	MUST BRK PNT n <= BRK PNT n+1
ERR#172	NOT ALLOWED WITH OPEN ORDERS
ERR#173	NOW POLLING !!
ERR#174	INCORRECT TARE WEIGHT
ERR#175	VOID PROMO FIRST
ERR#176	MULTIPLE RECEIPTS NOT ALLOWED
ERR#177	MIX AND MATCH ERROR
ERR#178	CLERK INTERRUPT ERROR
ERR#179	CHECK OPENED NO DATA
ERR#180	NO CLERK BUFFER IN THIS REG
ERR#181	NOT ALLOWED WITH OPEN CLERKS
ERR#182	NOT ENOUGH MONEY
ERR#183	AMOUNT TOO BIG
ERR#184	CARD NOT PRESENT
ERR#185	CARD PROBLEM
ERR#186	WRONG PURSE
ERR#187	NOT OPEN
ERR#188	CARD EXPIRED
ERR#189	CARD HOT LISTED
ERR#190	NOT ALLOWED
ERR#191	CARD PRESENT
ERR#192	DEVICE ALREADY OPENED
ERR#193	DEVICE OPEN ERROR
ERR#194	PASSWORD ERROR
ERR#195	NOTHING SELECTED
ERR#196	INVALID SD CARD
ERR#197	RESET REPORT?
ERR#198	CHOOSE IRC REPORTING
ERR#199	EFT TERMINAL TRANS. KEY ERROR
ERR#200	PLEASE CHECK SD CARD
ERR#201	MCR REQUIRED
ERR#202	FILE NOT FOUND
ERR#203	USING ALPHA AS CHECK#
ERR#204	OUT OF STOCK
ERR#205	UNDER MINIMUM STOCK
ERR#206	DELIVERY NOT OPENED
ERR#207	PLEASE CHECK USB
ERR#208	INVALID USB
ERR#209	PRINT CHECK FIRST
ERR#210	SELECTIVE DISCOUNT ERROR
ERR#211	DO NOT ALLOW THIS SITE #
ERR#212	ID CARD IS EXPIRED
ERR#213	COVER OPEN
ERR#214	PAPER END
ERR#215	PAPER NEAR END
ERR#216	TPH TEMPERATURE IS HIGH
ERR#217	AUTO CUTTER JAM
ERR#218	PRINTER BUFFER FULL
ERR#219	MODE CHANGE ERROR
ERR#220	RESTORE DALLAS KEY
ERR#221	REQ. CLOSE ACCOUNT KEY
ERR#222	Z OUTSTAND INTERRUPT RPT
ERR#223	MODIFICATION NOT ALLOWED

Error Message Definitions

Err Msg No	Message
ERR#003	AMOUNT REQUIRED This operation requires an amount entry.
ERR#004	BAD VALUE The number entered is incorrect for the task being performed.
ERR#005	BUFFER FULL A buffer (i.e. or soft check, hard check, time clock, buffered receipt) has reached capacity. For hard checks, the operator must press the SERVICE key to print the items and clear the buffer. The operator must then pick up the previous balance again in order to continue with finalization. In a soft check environment, this message will appear when the check has reached capacity (maximum lines stored). The register will require the sale to be finalized with the option of printing a bill if required
ERR#007	BUSY Destination register is busy (pre poll memory is in use). Requires a clear command from the P.C. or register. Message also displays when master register is busy and a integrated payment operation is pending.
ERR#009	CASH DECLARATION REQUIRED Cash declaration has been programmed as compulsory, and must first be performed before reports
ERR#010	CASH-IN-DRAWER LIMIT EXCEEDED The programmed Cash-In-Drawer limit has been exceeded.
ERR#011	CHECK# IS ASSIGNED AUTOMATICALLY The operator has attempted to open a new guest check by assigning a check number. The register has been programmed to generate its own check numbers.
ERR#012	CHECK# REQUIRED! This register has been programmed to force check number entry to begin a transaction. An existing guest check must be recalled, or a new one started.
ERR#013	CONDIMENT REQUIRED! This PLU has been programmed to require a condiment entry.
ERR#014	CRC ERROR An error has occurred in the block check sum while transferring data in IRC mode.
ERR#015	DUPLICATE! This check already exists. May also apply to secret code programming.
ERR#016	EAT IN/TAKE OUT/DRIVE THRU This operation is set for compulsory entry of one of the three destination keys.
ERR#017	ENTER EMPLOYEE CODE The employee is required to sign on before performing a task.
ERR#019	ENTER GUEST COUNT The operator must enter the number of guests when opening a guest check, or beginning a sale.
ERR#020	ENTER SEAT# Seat # entry required before operation can continue.
ERR#021	ENTER TABLE# Table number entry is required to open a guest check, or begin sale.

Err Msg No	Message
ERR#022	ENTRY REQUIRED The function selected requires a numeric entry, i.e. a percentage for an open percent discount.
ERR#023	ERROR General error message.
ERR#024	ERROR JAM Receipt / journal printer jammed message.
ERR#026	HALO OVER! The amount entered exceeds the programmed HALO i.e. the task exceeds the maximum amount allowed.
ERR#027	ILLEGAL KEY SEQUENCE The operator has used an illegal key sequence.
ERR#028	IN USE! This guest check or clerk number is already open elsewhere in the system. This is also applicable when the floating clerk system is activated and the operator is in use on another ECR.
ERR#029	INACTIVE! The key pressed is inactive. This message also appears if VOID Mode has been disabled.
ERR#030	INPUT QTY Quantity input is required for a condiment WLU
ERR#031	KITCHEN PRINTER FAILURE The kitchen printer has failed to respond. Printing has been re-routed to the designated back-up printer.
ERR#032	MANAGER REQUIRED This operation requires entry of the manager code.
ERR#033	MANAGER OVERRIDE REQUIRED Manager code entry required to override a HALO amount, or other restriction.
ERR#034	MEMORY FULL Memory is full.
ERR#035	NEGATIVE This sale has gone negative. Negative sales are programmed as not allowed.
ERR#036	NO CHECK # This message appears when the system cannot find this guest check number.
ERR#037	NO DATA PLU cannot be found (does not appear in Register Mode). Usually associated with stock entry on an IRC system when the PLU exists in one ECR but not another. On the ECR where the PLU does not exist the message not found will appear.
ERR#038	NO DRAWER! The employee currently signed on is not assigned to a drawer, and is not allowed to perform cash sales, or the drawer is no longer attached and is required in order to continue.
ERR#039	NO MANUAL ENTRY Manual entry is not allowed (scale function).
ERR#040	NO PAPER Slip printer is out of paper, appears when printing to a loose-leaf printer.

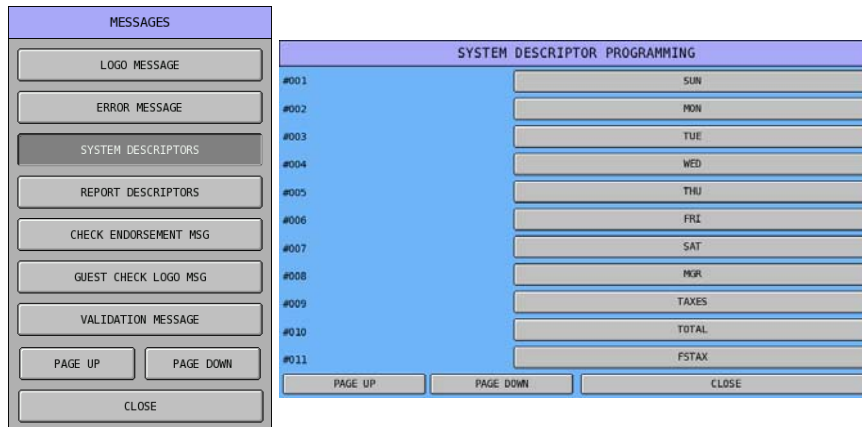
Err Msg No	Message
ERR#041	NO PLU! The number entered is not a valid PLU. This message will also appear if a PLU number “built” using modifier keys recalls an invalid PLU number.
ERR#042	NONADD# REQUIRED This operation requires the entry of a Non-Add number to fulfill the compulsory requirements.
ERR#043	NOT DISCOUNTABLE The preceding entry is not discountable; product is not available for discounting.
ERR#044	NOT PROGRAMMED! This key has not been programmed
ERR#045	NOT READY! Remote printer is not ready for printing tasks.
ERR#046	NOT ZERO Displayed when trying to delete a PLU that still has sales counts and stock amounts. The PLU must first be reset and cleared from all Z Mode reports.
ERR#047	OFF LINE! IRC communications have gone off line.
ERR#048	OPEN DRAWER The register has been programmed not to operate with the cash drawer open.
ERR#049	P/BAL REQUIRED! This register has been programmed to require a previous balance entry.
ERR#050	PAPER END The guest check printer has reached the end of the form, or the Receipt/Journal paper is at, or near, the end of its roll.
ERR#051	RANGE OVER The number entered is out of range.
ERR#052	REMOVE PAPER Validation is complete and the paper must now be removed.
ERR#053	SCALE FAIL! The register is not able to find the scale.
ERR#054	SCALE REQUIRED! This item requires a weight this may be entered either manually or automatically.
ERR#055	SINGLE ITEM! This PLU has been programmed as a single item PLU and cannot be used within a sale.
ERR#056	SUBTOTAL REQUIRED The SUBTOTAL key must be depressed before continuing.
ERR#057	SYSTEM ERROR Normal Operation error.
ERR#058	TARE# REQUIRED This PLU/scale item requires a tare weight entry.
ERR#059	TRAY SUBTOTAL REQUIRED! This prompt appears while in a TRAY SUBTOTAL transaction. The operator must first press the TRAY SUBTOTAL key before pressing any tender keys.
ERR#060	VALIDATION REQUIRED! This operation requires validation to complete the compulsory settings.

Err Msg No	Message
ERR#061	WASTE REQUIRED! The operator is in the middle of a waste operation, and must depress the WASTE key in order to complete the operation.
ERR#062	WRONG EMPLOYEE The employee attempting to open this guest check is not the original person who started the guest check. Also appears when attempting to sign on a new employee without first signing the current employee off, if overlap employee is not programmed.
ERR#064	ZERO AMOUNT The register has been programmed to not allow negative sales, and to consider a zero amount as a negative sale.
ERR#066	OVERRIDE NOT ALLOWED Override is not allowed for this operation.
ERR#067	WRONG SEQUENCE The preceding key sequence is not allowed.
ERR#120	REQUIRED GALLONAGE AMOUNT This entry involves a gallonage PLU, and requires an amount entry.
ERR#219	MODE CHANGE ERROR The key lock is in the wrong position.

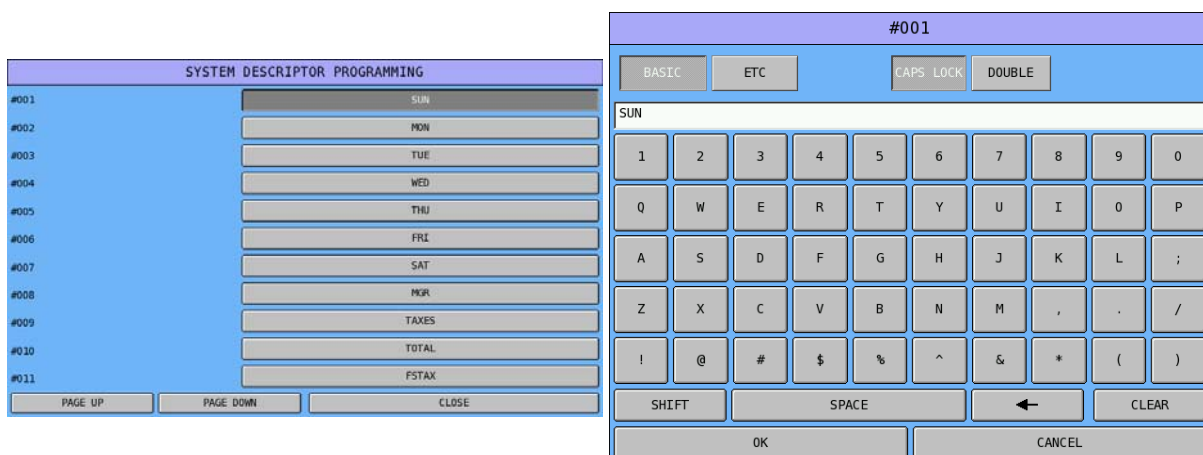
System Descriptions

This contains the terminals default descriptions such as SUBTOTAL, TAXES etc. This option can be used to change the default settings to your own custom messages. The length of each descriptor varies. There are totally 212 messages.

Tap **SYSTEM DESCRIPTORS** button on **MESSAGE** window, then **SYSTEM DESCRIPTOR PROGRAMMING** screen will pop-up. Tap **PAGE UP** button or **PAGE DOWN** button to browse through all 212 available messages, tap **CLOSE** to exit.



Tap one of the descriptor bars you want to program, i.e. **SUN** of **#001**, then **#001** window will pop-up for custom descriptor entry. Tap **OK** to confirm, **CANCEL** to discard.



NOTE: Field length for day of week fields are 3 characters, while other printed messages are 5 characters or more.

System Descriptions Table

#001	SUN	#014	DATE	#027	EMPL.
#002	MON	#015	TIME	#028	FOR
#003	TUE	#016	NO.	#029	AMOUNT REQUIRED
#004	WED	#017	CASH	#030	*****TRAINING*****
#005	THU	#018	CHEQ	#031	TIME CLOCK - IN
#006	FRI	#019	MISC	#032	TIME CLOCK - OUT
#007	SAT	#020	REG	#033	EMPLOYEE SIGN ON
#008	MGR	#021	PLU#	#034	EMPLOYEE SIGN OFF
#009	TAXES	#022	PBAL	#035	DECLARE CASH TIPS
#010	TOTAL	#023	SEAT#	#036	TODAY
#011	FSTAX	#024	ESC	#037	TIME CLOCK - BRK
#012	FSTTL	#025	TBL	#038	NO LINKED EMP
#013	FSCNG	#026	GST	#039	RESERVED

#040	ADD CHECKS FOR PAYMENT
#041	** NOT CLOSED CHECKS **
#042	ENTER NEW SEAT#
#043	ALPHA MESSAGE:
#044	LOYALTY BALANCE
#045	CURRENT CASH BALANCE
#046	MAX. CARD BALANCE
#047	DATE OF BIRTH
#048	OLD LOYALTY BALANCE
#049	OLD CASH BALANCE
#050	POINTS ACCRUED
#051	BIRTHDAY TODAY
#052	ISSUE CARD Y/N
#053	ENTER NV NO.
#054	NV IMAGE#
#055	IN -- OUT
#056	CASH TRANSACTION
#057	CHEQUE TRANSACTION
#058	MISC TEND TRANSACTION
#059	TRANSACTION WITH %
#060	RA/PO
#061	RETURN TRANSACTION
#062	ERR.CORR./VOID
#063	NO SALE
#064	CANCEL TRANSACTION
#065	TRANS. WITH NEGA. ITEMS
#066	REPORTS
#067	PROGRAM SCAN
#068	CHECK TRACKING
#069	CLERK INTERRUPT
#070	POINTS PAYMENT
#071	ENTER REGISTER#(1-32)
#072	DOWNLOAD FILE#
#073	RESERVED
#074	POWER FAIL COUNT
#075	** DELIVERY INFO. **
#076	LITRE REQUIRED
#077	RESERVED
#078	IP ADDRESS
#079	RESERVED
#080	RESERVED
#081	RESERVED
#082	RESERVED
#083	RESERVED
#084	RESERVED
#085	RESERVED
#086	RESERVED
#087	RESERVED
#088	RESERVED
#089	RESERVED
#090	RESERVED
#091	RESERVED
#092	RESERVED
#093	RESERVED
#094	RESERVED
#095	RESERVED
#096	RESERVED

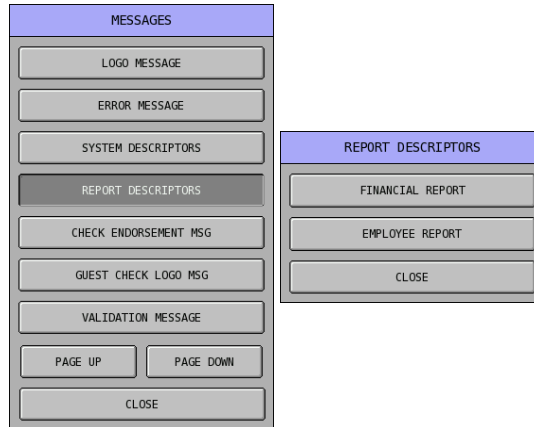
#097	RESERVED
#098	RESERVED
#099	RESERVED
#100	RESERVED
#101	RESERVED
#102	RESERVED
#103	RESERVED
#104	RESERVED
#105	RESERVED
#106	RESERVED
#107	RESERVED
#108	RESERVED
#109	RESERVED
#110	RESERVED
#111	RESERVED
#112	RESERVED
#113	RESERVED
#114	RESERVED
#115	RESERVED
#116	RESERVED
#117	RESERVED
#118	RESERVED
#119	RESERVED
#120	RESERVED
#121	RESERVED
#122	RESERVED
#123	RESERVED
#124	RESERVED
#125	RESERVED
#126	RESERVED
#127	RESERVED
#128	RESERVED
#129	RESERVED
#130	RESERVED
#131	RESERVED
#132	GST
#133	CURRENT SCREEN #
#134	EMPLOYEE
#135	AMT DUE
#136	CHANGE
#137	JOB CODE
#138	SUMMARY
#139	OUT FOR BRK
#140	OUT
#141	OPERATOR
#142	NON-ADD#
#143	INPUT QTY
#144	ENTER TIME:
#145	TRANS VD
#146	PAYMENT
#147	HOME AMT
#148	FSCRT
#149	FS EXMT
#150	SCALE CANCEL
#151	ITEMS
#152	TIP DECLARED
#153	TAXABLE 1
#154	TAXABLE 2
#155	TAXABLE 3
#156	TAXABLE 4
#157	TAXABLE 5
#158	TAXABLE 6

#159	TAX1 AMT
#160	TAX2 AMT
#161	TAX3 AMT
#162	TAX4 AMT
#163	TAX5 AMT
#164	TAX6 AMT
#165	VAT1 AMT
#166	VAT2 AMT
#167	VAT3 AMT
#168	VAT4 AMT
#169	VAT5 AMT
#170	VAT6 AMT
#171	EXEMPT TAX1
#172	EXEMPT TAX2
#173	EXEMPT TAX3
#174	EXEMPT TAX4
#175	EXEMPT TAX5
#176	EXEMPT TAX6
#177	TAX TOTAL
#178	NO SEAT
#179	POST TENDER
#180	SYSTEM
#181	BALANCE
#182	CHECK#
#183	CLOCK OUT
#184	CLOSED
#185	PRICE/HALO
#186	DESCRIPTOR
#187	LINK GROUP
#188	LINK STATUS
#189	CHANGE RATE
#190	FOREIGN AMT
#191	REG MODE
#192	VD MODE
#193	MGR MODE
#194	CONV
#195	GAS CNT
#196	GAS AMT
#197	ORDER#
#198	REPRINT
#199	GROUP0
#200	DELETED PLU
#201	PREPAID TTL
#202	REFERENCE
#203	CATEGORY
#204	DEPARTMENT
#205	NAME
#206	EXTRA CASH
#207	EXTRA POINT
#208	POINTS GAIN
#209	NOTIFICATION
#210	SERVED
#211	CHANGE SLIP
#212	SLIDE CARD

Report Descriptions

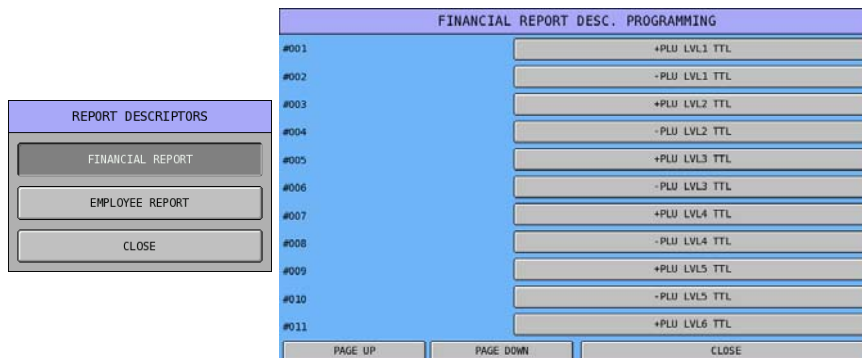
This contains the default descriptions for Financial and Employee Reports such as GROSS, NET etc. This option can be used to change the default settings to your own custom messages. There are totally 229 report descriptors for Financial Report and 153 descriptors for Employee Report which 17 characters per descriptor.

Tap **REPORT DESCRIPTORS** button on **MESSAGE** window, then **REPORT DESCRIPTORS** window will pop-up.

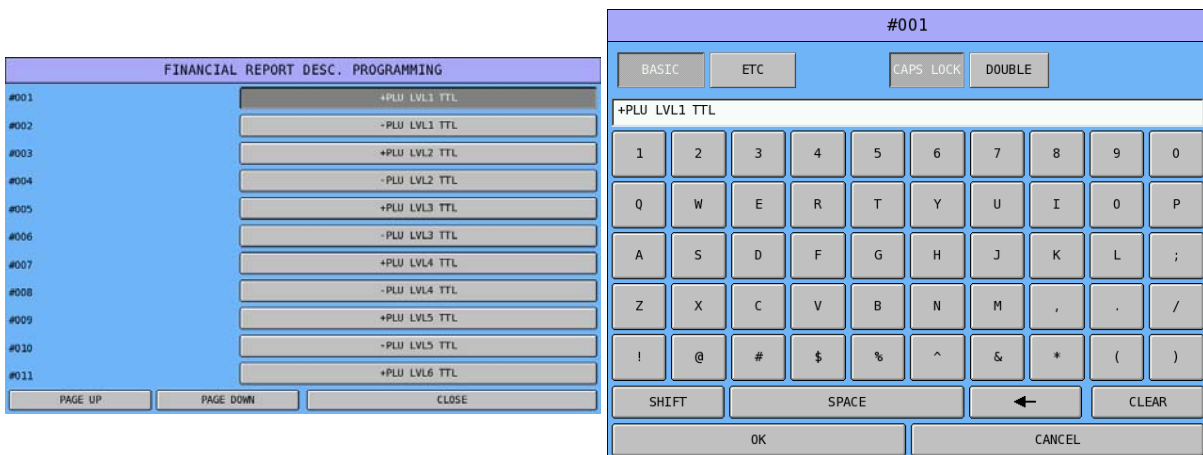


Financial Report Descriptors

Tap **FINANCIAL REPORT** button on **REPORT DESCRIPTORS** window, then **FINANCIAL REPORT DESC. PROGRAMMING** screen will pop-up. Tap **PAGE UP** button or **PAGE DOWN** button to browse through all 229 available descriptors, tap **CLOSE** to exit.



Tap one of the descriptor bars you want to program, i.e. **+PLU LVL1 TTL** of **#001**, then **#001** window will pop-up for custom descriptor entry. Tap **OK** to confirm, **CANCEL** to discard.



Financial Report Descriptors Table

#001	+PLU LVL1 TTL	#061	EAT IN SALES	#121	MISC16 TEND
#002	-PLU LVL1 TTL	#062	TAKE OUT SALES	#122	CONV1 CASH
#003	+PLU LVL2 TTL	#063	DRIVE THRU SALES	#123	CONV2 CASH
#004	-PLU LVL2 TTL	#064	%1	#124	CONV3 CASH
#005	+PLU LVL3 TTL	#065	%2	#125	CONV4 CASH
#006	-PLU LVL3 TTL	#066	%3	#126	CONV5 CASH
#007	+PLU LVL4 TTL	#067	%4	#127	CONV1 CHEQUE
#008	-PLU LVL4 TTL	#068	%5	#128	CONV2 CHEQUE
#009	+PLU LVL5 TTL	#069	%6	#129	CONV3 CHEQUE
#010	-PLU LVL5 TTL	#070	%7	#130	CONV4 CHEQUE
#011	+PLU LVL6 TTL	#071	%8	#131	CONV5 CHEQUE
#012	-PLU LVL6 TTL	#072	%9	#132	CONV1 CHARGE
#013	+PLU LVL7 TTL	#073	%10	#133	CONV2 CHARGE
#014	-PLU LVL7 TTL	#074	NET SALES	#134	CONV3 CHARGE
#015	+PLU LVL8 TTL	#075	CREDIT TAX1	#135	CONV4 CHARGE
#016	-PLU LVL8 TTL	#076	CREDIT TAX2	#136	CONV5 CHARGE
#017	+PLU LVL9 TTL	#077	CREDIT TAX3	#137	DRAWER1 TOTAL
#018	-PLU LVL9 TTL	#078	CREDIT TAX4	#138	DRAWER2 TOTAL
#019	+PLU LVL10 TTL	#079	CREDIT TAX5	#139	NOT USED
#020	-PLU LVL10 TTL	#080	CREDIT TAX6	#140	PROMO
#021	+PLU LVL11 TTL	#081	FOOD STMP CREDIT	#141	WASTE
#022	-PLU LVL11 TTL	#082	MDSE RETURN	#142	TRAINING TOTAL
#023	+PLU LVL12 TTL	#083	ERROR CORRECT	#143	NEW BALANCE
#024	-PLU LV12 TTL	#084	PREVIOUS VOID	#144	GUESTS
#025	+PLU LVL13 TTL	#085	TRANS VOID	#145	PREVIOUS BALANCE
#026	-PLU LVL13 TTL	#086	CANCEL	#146	CHECKS PAID
#027	+PLU LVL14 TTL	#087	GROSS SALES	#147	SERVICE
#028	-PLU LVL14 TTL	#088	CASH SALES	#148	TIP TOTAL
#029	+PLU LVL15 TTL	#089	CHEQUE SALES	#149	CASH DEC AMT
#030	-PLU LVL15 TTL	#090	R/A 1	#150	CHEQUE DEC AMT
#031	+PLU LVL16 TTL	#091	R/A 2	#151	FD/S DEC AMT
#032	-PLU LVL16 TTL	#092	R/A 3	#152	MISC1 DEC AMT
#033	+PLU LVL17 TTL	#093	R/A 4	#153	MISC2 DEC AMT
#034	-PLU LVL17 TTL	#094	R/A 5	#154	MISC3 DEC AMT
#035	+PLU LVL18 TTL	#095	P/O 1	#155	MISC4 DEC AMT
#036	-PLU LVL18 TTL	#096	P/O 2	#156	MISC5 DEC AMT
#037	+PLU LVL19 TTL	#097	P/O 3	#157	MISC6 DEC AMT
#038	-PLU LVL19 TTL	#098	P/O 4	#158	MISC7 DEC AMT
#039	+PLU LVL20 TTL	#099	P/O 5	#159	MISC8 DEC AMT
#040	-PLU LVL20 TTL	#100	HASH TOTAL	#160	MISC9 DEC AMT
#041	ADJUST TTL	#101	AUDACTION	#161	MISC10 DEC AMT
#042	NON-TAX	#102	NO SALE/NON-ADD#	#162	MISC11 DEC AMT
#043	TAX1 SALES	#103	CASH-IN-DRAWER	#163	MISC12 DEC AMT
#044	TAX2 SALES	#104	CHEQUE-IN-DRAWER	#164	MISC13 DEC AMT
#045	TAX3 SALES	#105	FD/S-IN-DRAWER	#165	MISC14 DEC AMT
#046	TAX4 SALES	#106	MISC1 TEND	#166	MISC15 DEC AMT
#047	TAX5 SALES	#107	MISC2 TEND	#167	MISC16 DEC AMT
#048	TAX6 SALES	#108	MISC3 TEND	#168	COUPON SALES
#049	TAX1	#109	MISC4 TEND	#169	ROUND TTL
#050	TAX2	#110	MISC5 TEND	#170	M&M TTL
#051	TAX3	#111	MISC6 TEND	#171	AVG. SALES
#052	TAX4	#112	MISC7 TEND	#172	TRANSFER TTL
#053	TAX5	#113	MISC8 TEND	#173	CASH OUT TTL
#054	TAX6	#114	MISC9 TEND	#174	ACCT SALES
#055	XMPTAX1 SALES	#115	MISC10 TEND	#175	ACCT PAYMENT
#056	XMPTAX2 SALES	#116	MISC11 TEND	#176	ROUND -
#057	XMPTAX3 SALES	#117	MISC12 TEND	#177	NOT USED
#058	XMPTAX4 SALES	#118	MISC13 TEND	#178	NOT USED
#059	XMPTAX5 SALES	#119	MISC14 TEND	#179	R/A BY CASH
#060	XMPTAX6 SALES	#120	MISC15 TEND	#180	R/A BY CHECK

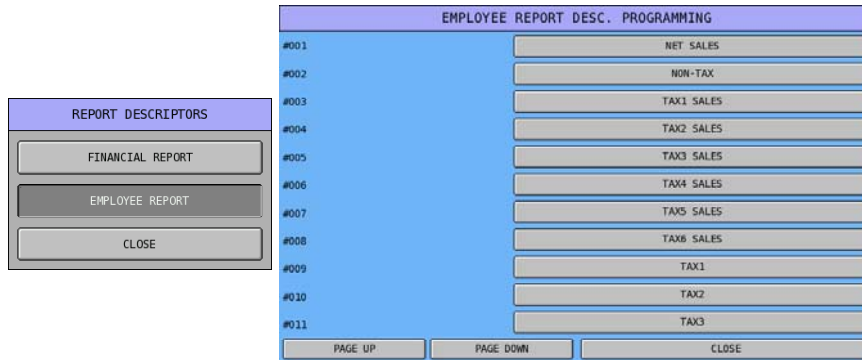
#181	R/A BY CHG
#182	OPENING TTL
#183	CASH DEPOSIT
#184	CHECK DEPOSIT
#185	CHARGE DEPOSIT
#186	SERVICE VOID
#187	CLOSE TOTAL
#188	TRACK1 TTL
#189	TRACK2 TTL
#190	TRACK3 TTL
#191	TRACK4 TTL
#192	+PLU TTL
#193	-PLU TTL
#194	TTL OF ALL DRWS
#195	MISC1 SALES
#196	MISC2 SALES
#197	MISC3 SALES

#198	MISC4 SALES
#199	MISC5 SALES
#200	MISC6 SALES
#201	MISC7 SALES
#202	MISC8 SALES
#203	MISC9 SALES
#204	MISC10 SALES
#205	MISC11 SALES
#206	MISC12 SALES
#207	MISC13 SALES
#208	MISC14 SALES
#209	MISC15 SALES
#210	MISC16 SALES
#211	TTL DECLARED
#212	SERIAL DWR1 TTL
#213	SERIAL DWR2 TTL
#214	SERIAL DWR3 TTL

#215	SERIAL DWR4 TTL
#216	SERIAL DWR5 TTL
#217	SERIAL DWR6 TTL
#218	PARALLEL DWR TTL
#219	CHECKS RESET
#220	DESTINATION 1
#221	DESTINATION 2
#222	DESTINATION 3
#223	DESTINATION 4
#224	DESTINATION 5
#225	DESTINATION 6
#226	DESTINATION 7
#227	DESTINATION 8
#228	DESTINATION 9
#229	DESTINATION 10

Employee Report Descriptors

Tap **EMPLOYEE REPORT** button on **REPORT DESCRIPTORS** window, then **EMPLOYEE REPORT DESC. PROGRAMMING** screen will pop-up up. Tap **PAGE UP** button or **PAGE DOWN** button to browse through all 153 available descriptors, tap **CLOSE** to exit.



Tap one of the descriptor bars you want to program, i.e. **NET SALES** of **#001**, then **#001** window will pop-up for custom descriptor entry. Tap **OK** to confirm, **CANCEL** to discard.



Employee Report Descriptors Table

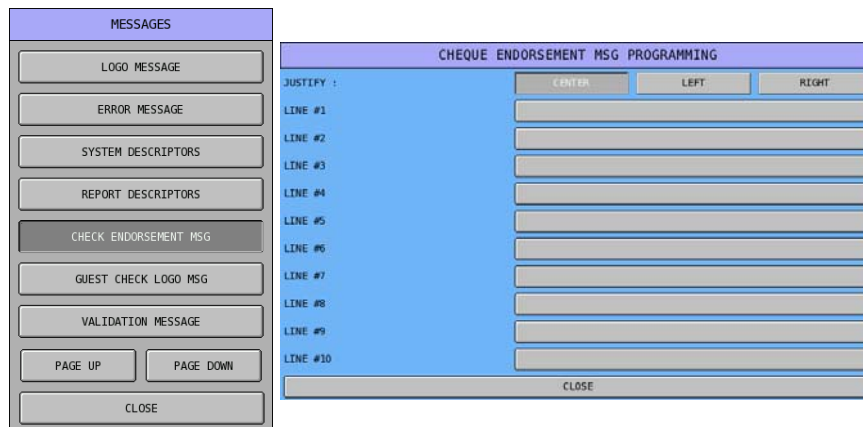
#001	NET SALES	#054	P/O 1	#107	TIP TOTAL
#002	NON-TAX	#055	P/O 2	#108	ROUND TTL
#003	TAX1 SALES	#056	P/O 3	#109	M&M TTL
#004	TAX2 SALES	#057	P/O 4	#110	CASH OUT TTL
#005	TAX3 SALES	#058	P/O 5	#111	R/A BY CASH
#006	TAX4 SALES	#059	HASH TOTAL	#112	R/A BY CHECK
#007	TAX5 SALES	#060	AUDACTION	#113	R/A BY CHG
#008	TAX6 SALES	#061	NO SALE/NON-ADD#	#114	OPENING TTL
#009	TAX1	#062	CASH-IN-DRAWER	#115	CASH DEPOSIT
#010	TAX2	#063	CHEQUE-IN-DRAWER	#116	CHECK DEPOSIT
#011	TAX3	#064	F/S-IN-DRAWER	#117	CHARGE DEPOSIT
#012	TAX4	#065	MISC1 TEND	#118	SERVICE VOID
#013	TAX5	#066	MISC2 TEND	#119	SERIAL DWR1 TTL
#014	TAX6	#067	MISC3 TEND	#120	SERIAL DWR2 TTL
#015	XMPTAX1 SALES	#068	MISC4 TEND	#121	SERIAL DWR3 TTL
#016	XMPTAX2 SALES	#069	MISC5 TEND	#122	SERIAL DWR4 TTL
#017	XMPTAX3 SALES	#070	MISC6 TEND	#123	SERIAL DWR5 TTL
#018	XMPTAX4 SALES	#071	MISC7 TEND	#124	SERIAL DWR6 TTL
#019	XMPTAX5 SALES	#072	MISC8 TEND	#125	PARALLEL DWR TTL
#020	XMPTAX6 SALES	#073	MISC9 TEND	#126	TTL OF ALL DRWS
#021	EAT IN SALES	#074	MISC10 TEND	#127	MISC1 SALES
#022	TAKE OUT SALES	#075	MISC11 TEND	#128	MISC2 SALES
#023	DRIVE THRU SALES	#076	MISC12 TEND	#129	MISC3 SALES
#024	%1	#077	MISC13 TEND	#130	MISC4 SALES
#025	%2	#078	MISC14 TEND	#131	MISC5 SALES
#026	%3	#079	MISC15 TEND	#132	MISC6 SALES
#027	%4	#080	MISC16 TEND	#133	MISC7 SALES
#028	%5	#081	CONV1 CASH	#134	MISC8 SALES
#029	%6	#082	CONV2 CASH	#135	MISC9 SALES
#030	%7	#083	CONV3 CASH	#136	MISC10 SALES
#031	%8	#084	CONV4 CASH	#137	MISC11 SALES
#032	%9	#085	CONV5 CASH	#138	MISC12 SALES
#033	%10	#086	CONV1 CHEQUE	#139	MISC13 SALES
#034	CREDIT TAX1	#087	CONV2 CHEQUE	#140	MISC14 SALES
#035	CREDIT TAX2	#088	CONV3 CHEQUE	#141	MISC15 SALES
#036	CREDIT TAX3	#089	CONV4 CHEQUE	#142	MISC16 SALES
#037	CREDIT TAX4	#090	CONV5 CHEQUE	#143	DESTINATION 1
#038	CREDIT TAX5	#091	CONV1 CHARGE	#144	DESTINATION 2
#039	CREDIT TAX6	#092	CONV2 CHARGE	#145	DESTINATION 3
#040	FOOD STMP CREDIT	#093	CONV3 CHARGE	#146	DESTINATION 4
#041	MDSE RETURN	#094	CONV4 CHARGE	#147	DESTINATION 5
#042	ERROR CORRECT	#095	CONV5 CHARGE	#148	DESTINATION 6
#043	PREVIOUS VOID	#096	DRAWER1 TOTAL	#149	DESTINATION 7
#044	TRANS VOID	#097	DRAWER2 TOTAL	#150	DESTINATION 8
#045	CANCEL	#098	NOT USED	#151	DESTINATION 9
#046	GROSS SALES	#099	PROMO	#152	DESTINATION 10
#047	CASH SALES	#100	WASTE	#153	ACCT SALES
#048	CHEQUE SALES	#101	TRAINING TOTAL		
#049	R/A 1	#102	BAL FORWARD		
#050	R/A 2	#103	GUESTS		
#051	R/A 3	#104	PREVIOUS BALANCE		
#052	R/A 4	#105	CHECKS PAID		
#053	R/A 5	#106	SERVICE		

Check (Cheque) Endorsement Message

This is the message used when endorse the payment made by check (cheque). These message will print on the check (cheque) when **CHK ENDORSE (Check Endorsement)** function key is pressed. On SPS-500, there are 10-lines x 40 characters for Check Endorsement Message. The justification selection can be used to auto center etc. the messages programmed.

NOTE: On SPS-500, you will need a slip printer (i.e. Citizen CBM-810/820) to use this feature.

☞ Tap **CHECK ENDORSEMENT MSG** button on **MESSAGE** window, then **CHEQUE ENDORSEMENT MSG PROGRAMMING** screen will pop-up up.



NOTE: The justification of Logo Message has been set to **CENTER**. If you happen to change this setting, just tap the one you prefer. However, it always shows centered on the screen.

☞ Tap one of the blank bars you want to program, i.e. **LINE #1**, then **LINE #1** window will pop-up for Check (Cheque) Endorsement Message entry. Tap **OK** to confirm, **CANCEL** to discard.



Guest Check Logo Message

Used to program the guest check Preamble (Header) and Postamble (Footer) messages. On SPS-500, there are 5-lines x 40 characters for both Preamble and Postamble section. The justification selection can be used to auto center etc. the messages programmed.

NOTE: On SPS-500, if you want to just use **Logo Message for Guest Check Message**, please see **P-Mode, SYSTEM OPTION → GENERAL PRINTING OPTIONS → OPTION#3 → 21. GUEST CHECK PREAMBLE/POSTAMBLE:** for detail.

☞ Tap **GUEST CHECK LOGO MESSAGE** button on **MESSAGE** window, then **GUEST CHECK LOGO MSG PROGRAMMING** screen will pop-up.



NOTE: The justification of Logo Message has been set to **CENTER**. If you happen to change this setting, just tap the one you prefer. However, it always shows centered on the screen.

☞ Tap one of the blank bars you want to program, i.e. **PREAMBLE #1:**, then **PREAMBLE #1:** window will pop-up for Logo Message entry. Tap **OK** to confirm, **CANCEL** to discard.

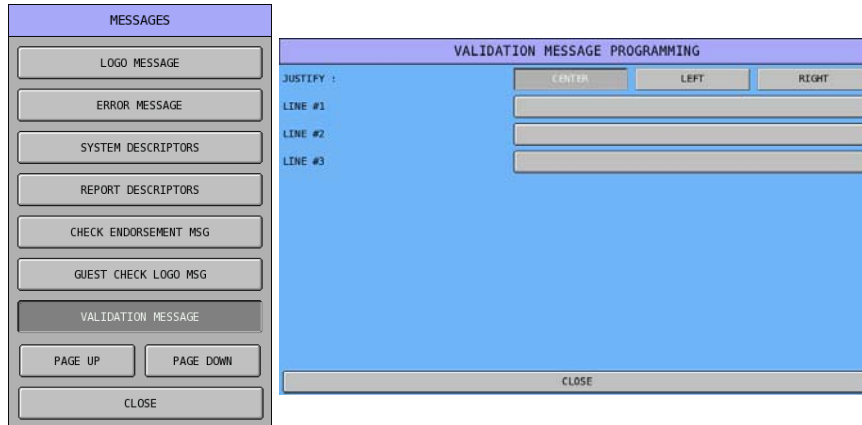


Validation Message

Used to print a message when the validation feature is in use. There are 3-line with 40-character per line to program.

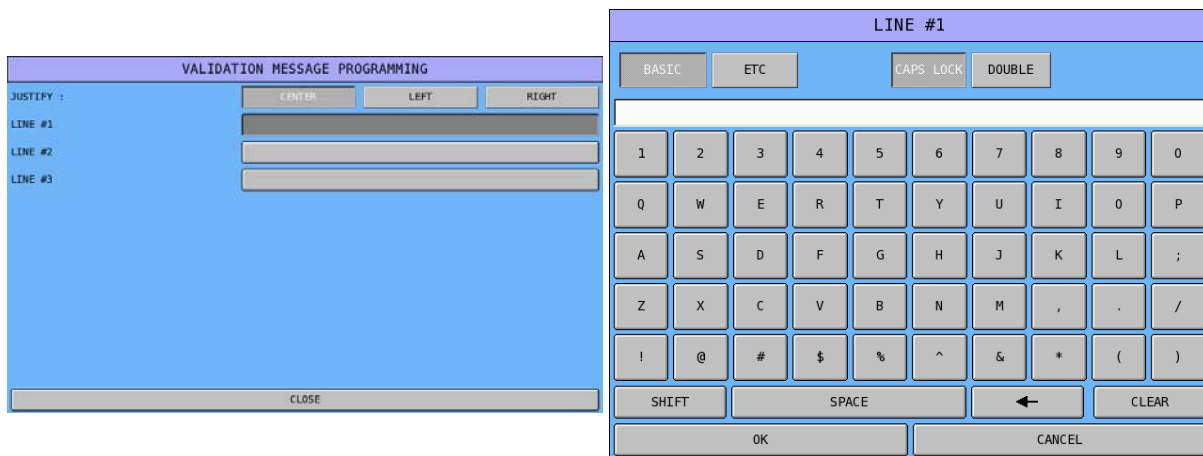
NOTE: On SPS-500, you will need a slip printer (i.e. Citizen CBM-810/820) to use this feature.

☞ Tap **VALIDATION MESSAGE** button on **MESSAGE** window, then **VALIDATION MESSAGE PROGRAMMING** screen will pop-up.



NOTE: The justification of Logo Message has been set to **CENTER**. If you happen to change this setting, just tap the one you prefer. However, it always shows centered on the screen.

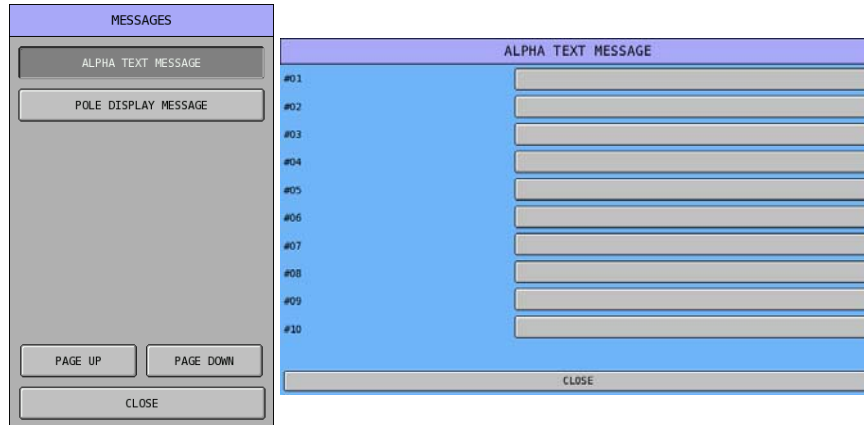
☞ Tap one of the blank bars you want to program, i.e. **LINE #1**, then **LINE #1** window will pop-up for Validation Message entry. Tap **OK** to confirm, **CANCEL** to discard.



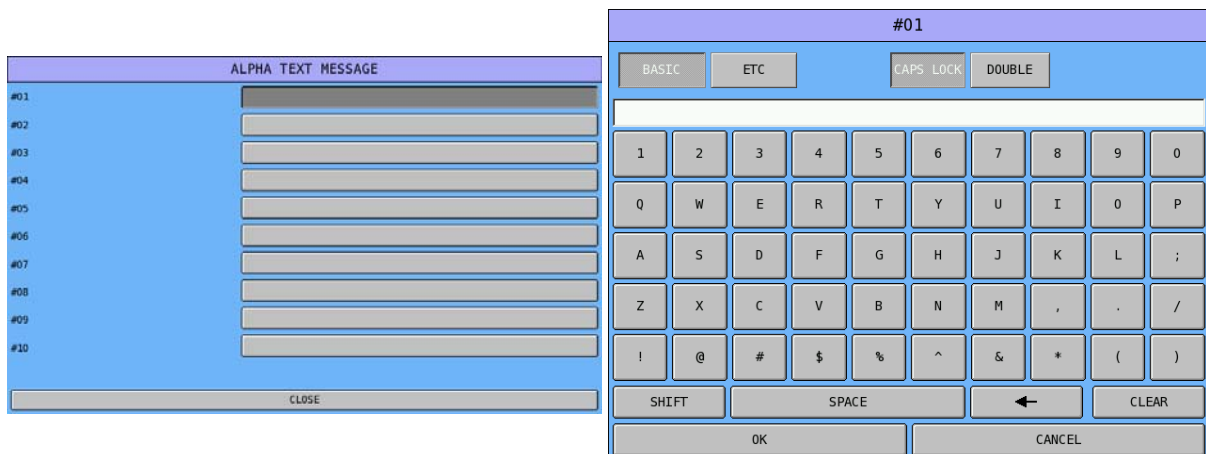
Alpha Text Message

Used to program 10 pre-defined text messages. Up to 25 characters per message.

- Tap **ALPHA TEXT MESSAGE** button on **MESSAGE** window, then **ALPHA TEXT MESSAGE** screen will pop-up.



- Tap one of the blank bars you want to program, i.e. **#01**;, then **#01**: window will pop-up for Alpha Text Message entry. Tap **OK** to confirm, **CANCEL** to discard.

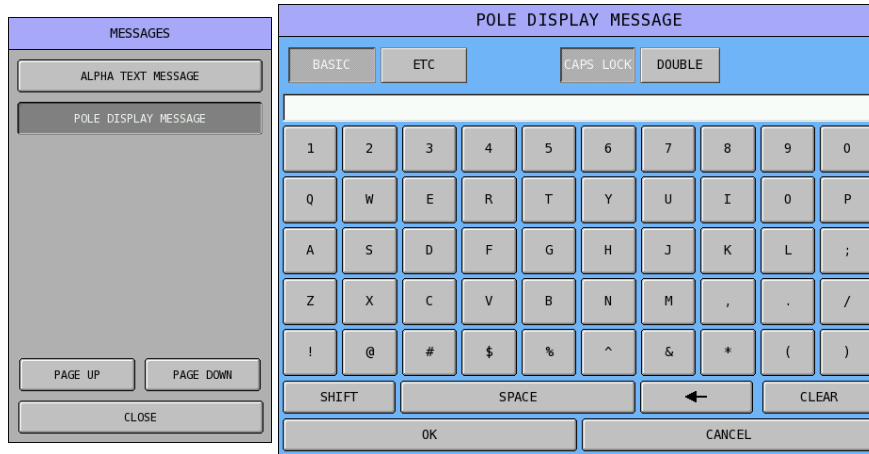


NOTE: To use these per-defined Alpha Text Messages, **ALPHA TEXT** (Code# 250) has to allocated on the Key Link (Screen) or Keyboard. Please see **S-Mode, KEY FUNCTION** for detail to allocate the function key. Also, the function key option - **USE PRE-DEFINE ALPHA DESCRIPTOR** has to be set **YES**. Please see **P-Mode, FUNCTION KEY → ALPHA TEXT**, for detail.

Pole Display Message

Used to program a custom message for customer Pole Display. Up to 25 characters.

- Tap **POLE DISPLAY MESSAGE** button on **MESSAGE** window, then **POLE DISPLAY MESSAGE** screen will pop-up up for Pole Display Message entry. Tap **OK** to confirm, **CANCEL** to discard.



Printer & KV Routing

The printing and kitchen video (KV) system of an *SPS-500* register or system of registers is completely flexible. Up to 40 printers and 1 KV can be defined and connected to any available serial port on any register within a system.

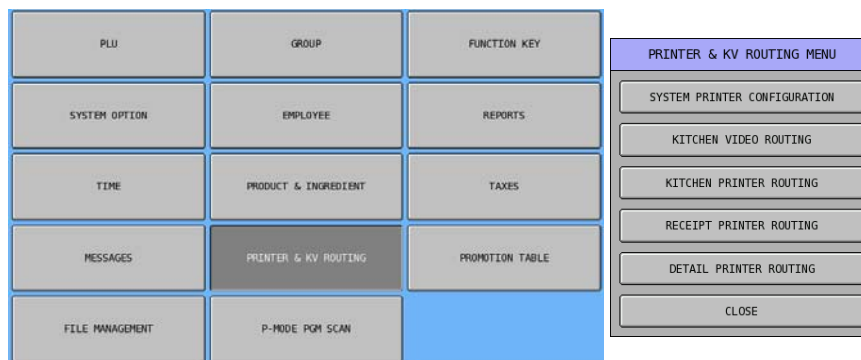
Multiple printer functions can be assigned to the same printer, giving added flexibility. The internal printer can be defined in the same manner as external printers and can receive data from other registers in the same network.

Before programming here, you must first:

- Find out the connection of each device (i.e. printer or KV) with which register-port it connects to in the IRC system, along with the port settings (i.e. **baud rate/parity** etc.) matches each connection. The programming also includes **feed lines** before and after printing, the **logo size** and **cutting positions**. See **S-Mode**, **DEFINE PORT**, then browse through each ports.
- When using a printer that is not pre-defined, or when you need to customise a driver for a printer, see **S-Mode**, **PRINTER DRIVER SELECTIONS**.

After all printers' and the KV's connection to each terminal is set...

☞ Tap **PRINTER & KV ROUTING** in **P-Mode** screen, then **PRINTER & KV ROUTING MENU** window will pop-up. Tap **CLOSE** if you want to exit.



System Printer Configuration

The next step is to assign a **printer number** for each printer within the IRC System.

In **SYSTEM PRINTER CONFIGURATION**, there are up to 40 printer numbers available. Give each printer number a 10 character descriptor (i.e. salad prep, receipt, or detail) and identify the register # and the port # to which it is attached within the IRC System. In addition, you can identify a back-up location for information designated to go to the printer. (i.e. if the salad printer is not functioning, then information destined for that printer could be sent to a different printer.)

☞ Tap **SYSTEM PRINTER CONFIGURATION** button on **PRINTER & KV ROUTING MENU** window, **PRINTER & KV ROUTING MENU** screen will pop-up. Tap **PAGE UP** button or **PAGE DOWN** button to browse through all 40 available printer numbers, tap **CLOSE** to exit.

The image shows two overlapping screenshots. On the left is the 'PRINTER & KV ROUTING MENU' with a list of options: 'SYSTEM PRINTER CONFIGURATION', 'KITCHEN VIDEO ROUTING', 'KITCHEN PRINTER ROUTING', 'RECEIPT PRINTER ROUTING', 'DETAIL PRINTER ROUTING', and 'CLOSE'. On the right is the 'SYSTEM PRINTER CONFIGURATION' screen, which is a table with 10 rows and 6 columns: PRINTER, DESCRIPTOR, REG#, MAIN PORT#, REG#, and BACK UP PORT#. The first row is pre-filled with 'RECEIPT', '01', 'INTERNAL (R)', '00', and '0'. The other rows are empty. At the bottom are 'PAGE UP', 'PAGE DOWN', and 'CLOSE' buttons.

PRINTER	DESCRIPTOR	REG#	MAIN PORT#	REG#	BACK UP PORT#
# 1	RECEIPT	01	INTERNAL (R)	00	0
# 2		00	0	00	0
# 3		00	0	00	0
# 4		00	0	00	0
# 5		00	0	00	0
# 6		00	0	00	0
# 7		00	0	00	0
# 8		00	0	00	0
# 9		00	0	00	0
#10		00	0	00	0

☞ Tap button of **DESCRIPTOR** column, **DESCRIPTOR** window will pop-up for Printer Description entry. Tap **OK** to confirm, **CANCEL** to discard.

The image shows two overlapping screenshots. On the left is the 'SYSTEM PRINTER CONFIGURATION' screen, identical to the one above, but with the 'DESCRIPTOR' column for printer #2 highlighted. On the right is the 'DESCRIPTOR' window, which has a keyboard interface. It includes a 'BASIC' button, an 'ETC' button, and 'CAPS LOCK' and 'DOUBLE' options. The keyboard has a numeric keypad (0-9), a QWERTY layout, and a bottom row with 'SHIFT', 'SPACE', a back arrow, and 'CLEAR'. At the very bottom are 'OK' and 'CANCEL' buttons.

NOTE: Printer Descriptor entry is not compulsorily, but it will help to identify the printer routing later.

☞ Tap button of **MAIN - REG#**, then enter register number through popped-up **REG#** numeric pad. Tap **OK** to confirm, **CANCEL** discard. When register number is entered, **PORT#** window will pop-up for printer selection.



NOTE: When **REG#** is **0 (zero)**, tap button of **PORT#** will not response anything.

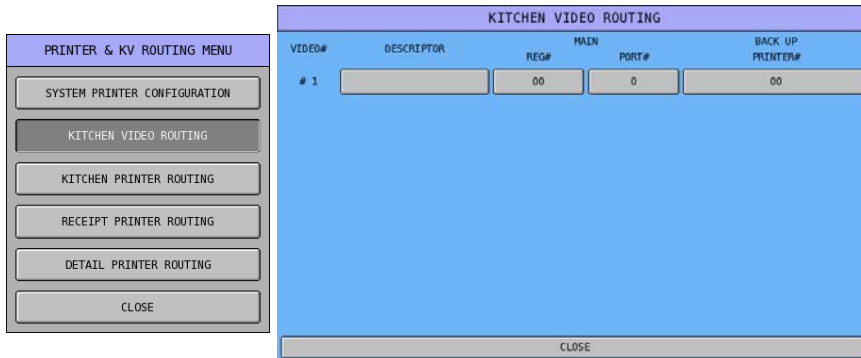
Finally, depends on the purpose of the printing, on **PRINTER & KV ROUTING MENU** window, you can proceed with one of the following programming:

- **KITCHEN VIDEO ROUTING**
- **KITCHEN PRINTER ROUTING**
- **RECEIPT PRINTER ROUTING**
- **DETAIL PRINTER ROUTING**

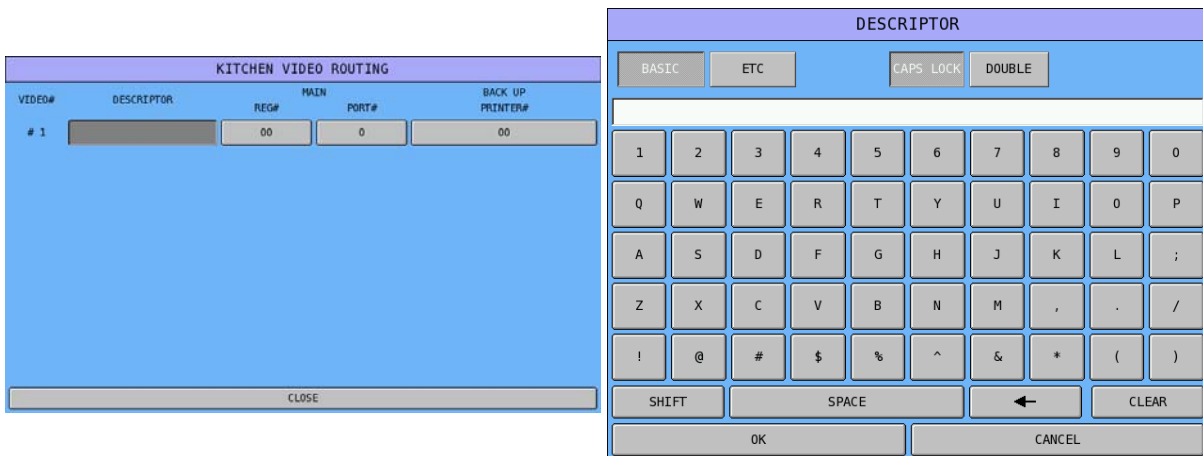
Kitchen Video Routing

If you are using a kitchen video, select **KITCHEN VIDEO ROUTING** to designate the port # and the register # where the video controller is attached. You can also define a backup printer in case communication with the video controller is disrupted.

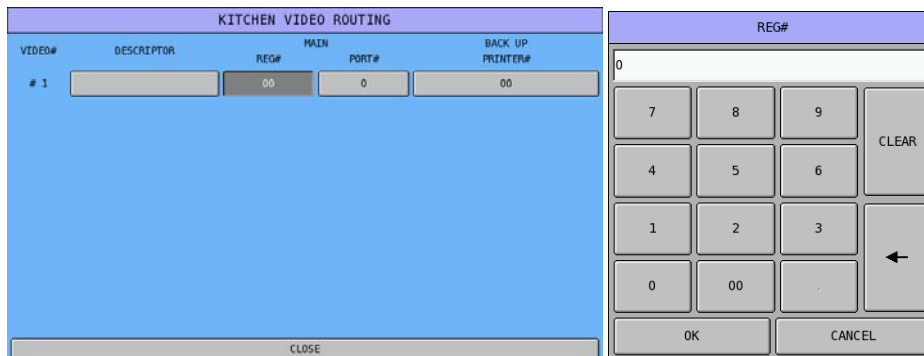
☞ Tap **KITCHEN VIDEO ROUTING** button on **PRINTER & KV ROUTING MENU** window, **KITCHEN VIDEO ROUTING** window will pop-up.



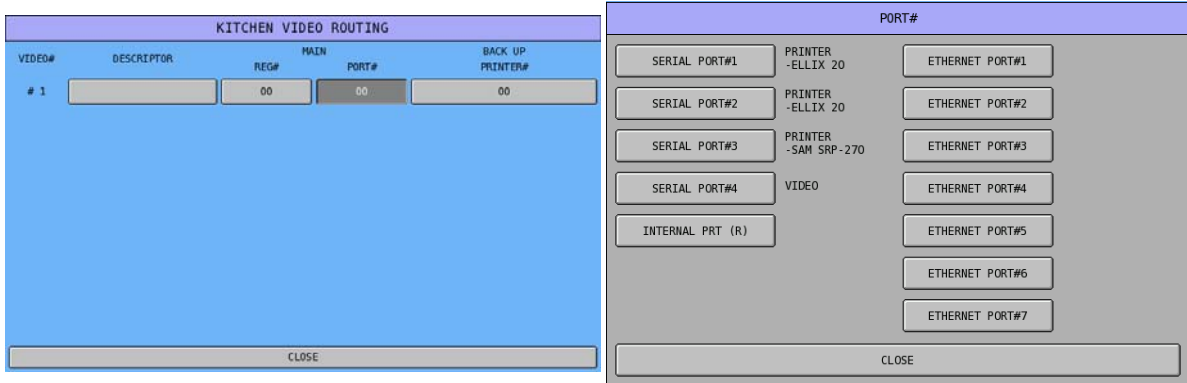
☞ Tap button of **DESCRIPTOR**, **DESCRIPTOR** window will pop-up for KV Description entry. Tap **OK** to confirm, **CANCEL** to discard.



☞ Tap button of **MAIN - REG#**, then enter register number through popped-up **REG#** numeric pad. Tap **OK** to confirm, **CANCEL** discard.

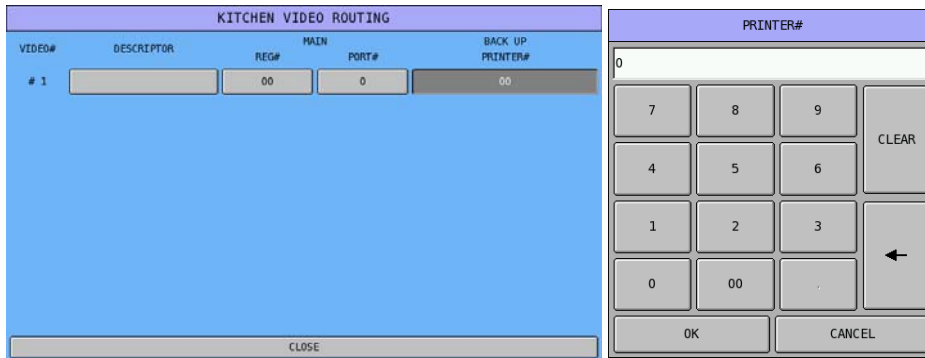


Tap button of **MAIN - PORT#**, then **PORT#** window will pop-up for printer selection. Tap **VIDEO device port** to confirm, **CLOSE** discard.



NOTE: Different from **SYSTEM PRINTER CONFIGURATION**, the button of **MAIN - REG#** and **MAIN - PORT#** are not linked in **KITCHEN VIDEO ROUTING**.

Tap button of **BACK UP PRINTER#**, then enter a Printer Number according to **SYSTEM PRINTER CONFIGURATION** as back up printer through pop-up **PRINTER#** numeric pad. Tap **OK** to confirm, **CANCEL** discard.



Kitchen Printer Routing

If you are using kitchen printers, select **KITCHEN PRINTER ROUTING** to link kitchen printer groups with a printer. (The groups of items are defined by assigning PLU items to **PLU STATUS GROUPS** where groups are identified.)

Because different registers might route kitchen printer items to different printers, each register can be programmed separately in this program. Please see **P-Mode, SYSTEM OPTION → KITCHEN PRINTING / VIDEO OPTIONS → OPTION#3 → 11. USE KP ROUTER:** for detail. **THE SAME FOR ALL REG** means all registers contain routing information for all of the registers in the IRC system.

Because it is sometimes necessary to change kitchen printer routing depending upon the time of the day, (i.e. separate hot and cold food kitchens may be active during lunch and a single kitchen active during dinner) you can make assignments for four different periods. The active routing period is controlled automatically by time.

Priority printing is also controlled with this program. The order in which items are printed on the kitchen printer ticket is determined by the order in which kitchen printer groups are listed for each printer#. (KP# (Kitchen Printing Groups) at the left are printed first; KP# at the right are printed last.)

☞ Tap **KITCHEN PRINTER ROUTING** button on **PRINTER & KV ROUTING MENU** window, **KITCHEN PRINTER ROUTING** window will pop-up. Please note that the first screen is for “**PERIOD#1**”. Tap **PAGE UP** button or **PAGE DOWN** button to browse through 4 different Time Periods.



NOTE: There are only 10 KP routings for each Time Period. To activate KP Time Period, please refer to **P-Mode, TIME → TIME ACTIVATED FUNCTIONS → KP TIME PERIOD** for more detail.

☞ First, tap top button on **PT#** column, enter the **printer #** through pop-up **PT#** numeric pad. Tap **OK** to confirm, **CANCEL** to discard. Then according to the button of **PT#** you selected, tap one of its **KP#** button then enter **KP GROUP#** through pop-up **KP#** numeric pad. Tap **OK** to confirm, **CANCEL** to discard.



NOTE: The **KP GROUP#** is assigned in **PLU STATUS GROUP**. Please see **P-Mode, PLU → PLU STATUS GROUP → OPTION#4 → 29. PRINT ON KP GROUP#**. Please browse through all available and possible PLU Status Groups for this option.

Detail Printer Routing

If you are using detail printers, see **DETAIL PRINTER ROUTING** to designate the journal printer for each location.

- Tap **DETAIL PRINTER ROUTING** button on **PRINTER & KV ROUTING MENU** window, **DETAIL PRINTER ROUTING** window will pop-up. There are totally 40 Receipt Printer locations available through out the IRC system, tap **PAGE UP** button or **PAGE DOWN** button to browse through 40 available locations.

The image shows two windows. On the left is the 'PRINTER & KV ROUTING MENU' with buttons for 'SYSTEM PRINTER CONFIGURATION', 'KITCHEN VIDEO ROUTING', 'KITCHEN PRINTER ROUTING', 'RECEIPT PRINTER ROUTING', 'DETAIL PRINTER ROUTING' (highlighted), and 'CLOSE'. On the right is the 'DETAIL PRINTER ROUTING' window, which is a 4x10 grid of buttons. The columns are labeled 'REGISTER#' and 'PRINTER#'. Each cell contains '00'. At the bottom are 'PAGE UP', 'PAGE DOWN', and 'CLOSE' buttons.

- Tap button on **REGISTER#** column, enter the **printer #** through pop-up **REGISTER#** numeric pad. Tap **OK** to confirm, **CANCEL** to discard. Then **PRINTER#** numeric pad will pop-up for entering **PRINTER#**. Tap **OK** to confirm, **CANCEL** to discard.

The 'DETAIL PRINTER ROUTING' window is shown with the first 'REGISTER#' cell selected (highlighted in grey). The rest of the grid remains '00'.

Two numeric pads are shown side-by-side. The left one is titled 'REGISTER#' and has a display showing '1'. The right one is titled 'PRINTER#' and has a display showing '0'. Both pads have buttons for digits 0-9, '00', a 'CLEAR' button, and a left arrow button. At the bottom are 'OK' and 'CANCEL' buttons.

NOTE: Although **REGISTER#** and **PRINTER#** numeric pad comes up one after the other, but they are not linked together. You can tap button of **PRINTER#** and just adjust Printer# through **PRINTER#** numeric pad.

Promotion Table

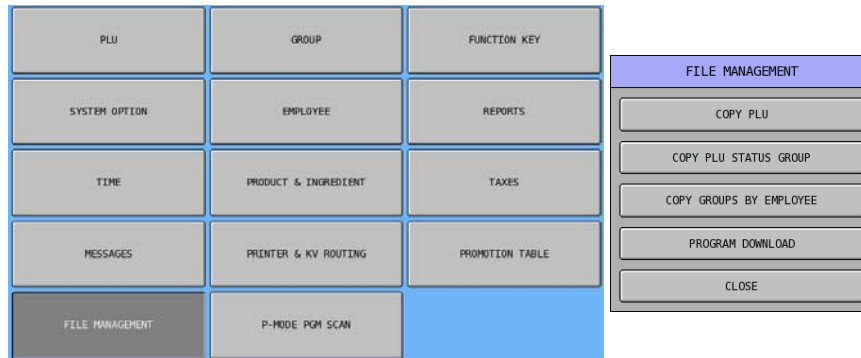
NOTE: After program this **Promotion Table**, to make promotion feature working, please check the settings in: **P-Mode, PLU → <for individual PLU> → OPTION#1 → MIX&MATCH TABLE#** and **P-Mode, PLU STATUS GROUP → OPTION#3 → 19. ALLOW PROMO?**

Various descriptors and messages are set with this program:

File Management

This function allows to duplicate programs for **PLUs**, **PLU Status Groups** and **Groups By Employee** within a machine. Also download program(s) between registers in IRC network.

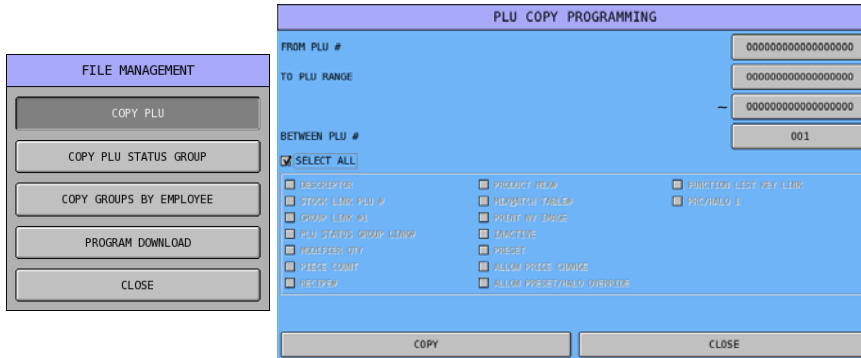
☞ Tap **FILE MANAGEMENT** button on **P-Mode** screen, then **FILE MANAGEMENT** window will pop-up. Tap **CLOSE** to exit or select the type of Function key you want to program.



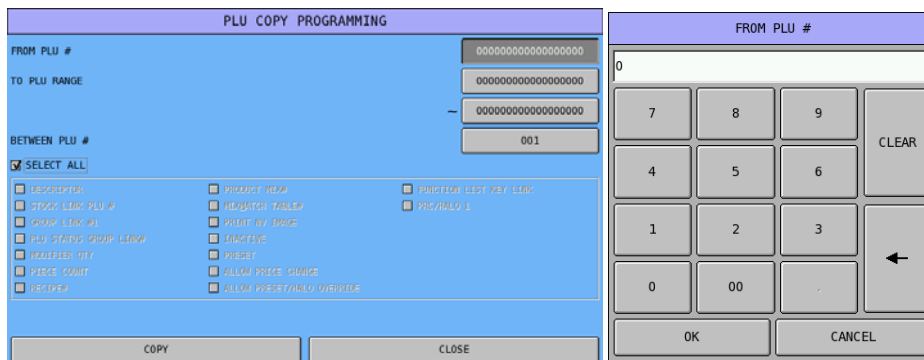
Copy PLU

Used to copy the information of a **PLU** to another **PLU** or other **PLUs**. This saving time and energy on repetitive programming.

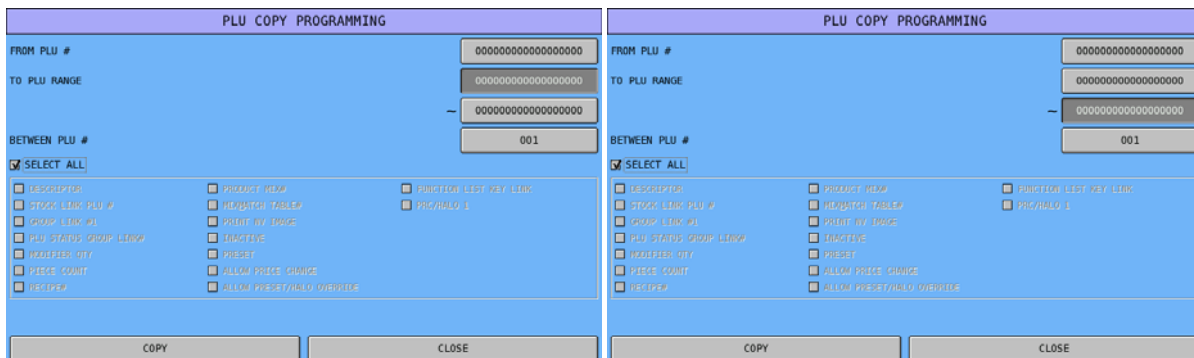
Tap **COPY PLU** button on **FILE MANAGEMENT** window, then **PLU COPY PROGRAMMING** will pop-up.

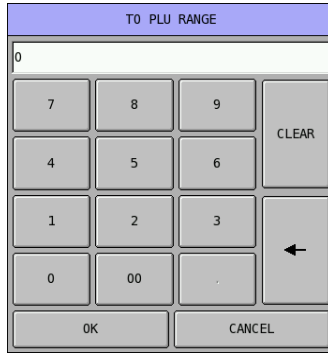


Tap **0000000000000000** button of **FROM PLU #**, then enter PLU number that the **PLU** is about to be copied from through pop-up **FROM PLU #** numeric pad. Tap **OK** to confirm, **CANCEL** to discard.



Tap the first **0000000000000000** button of **TO PLU RANGE**, then enter the beginning PLU number of the range of **PLU** is about to be filled through pop-up **TO PLU RANGE** numeric pad. Tap **OK** to confirm, **CANCEL** to discard. Then tap the second **0000000000000000** button of **TO PLU RANGE**, then enter the beginning PLU number of the range of **PLU** is about to be filled through pop-up **TO PLU RANGE** numeric pad. Tap **OK** to confirm, **CANCEL** to discard.

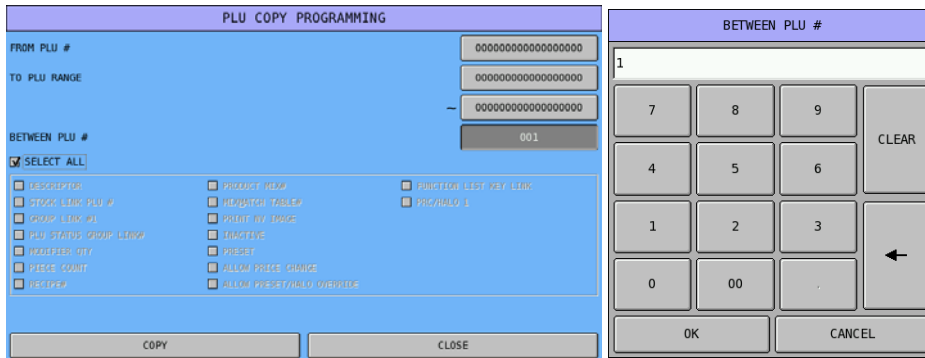




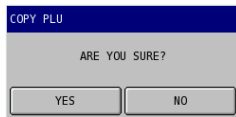
NOTE: When duplicate only one PLU, both **0000000000000000** button have to fill with same PLU number. A beep with **BAD VALUE** error message will appear on the screen.

When copy a range of PLUs, you can decide the increment value between PLUs.

Tap **001** button of **BETWEEN PLU #**, then enter the increment value between PLUs through pop-up **BETWEEN PLU #** numeric pad. Tap **OK** to confirm, **CANCEL** to discard.



Tap **YES** on pop-up **COPY PLU** window to confirm, **NO** to discard.



NOTE: If **COPY PLU** ends up with error message, please check if “**P-Mode, SYSTEM OPTION → GENERAL FUNCTION OPTIONS → OPTION#3 → ALLOW PLU COPY BY RANGE**” has been change to **NO**.

Copy PLU Status Group

Used to copy the information of a **PLU Status Group** to another **PLU Status Group** or other **PLU Status Groups**. This saving time and energy on repetitive programming.

- Tap **COPY PLU STATUS GROUP** button on **FILE MANAGEMENT** window, then **PLU STATUS GROUP COPY PROGRAMMING** will pop-up.

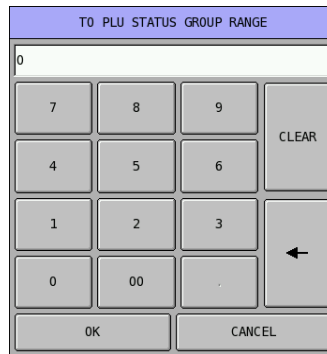
The image shows two overlapping windows. On the left is the 'FILE MANAGEMENT' window with a purple header and several buttons: 'COPY PLU', 'COPY PLU STATUS GROUP' (highlighted), 'COPY GROUPS BY EMPLOYEE', 'PROGRAM DOWNLOAD', and 'CLOSE'. On the right is the 'PLU STATUS GROUP COPY PROGRAMMING' window, also with a purple header. It contains three numeric input fields: 'FROM PLU STATUS GROUP #' (00), 'TO PLU STATUS GROUP RANGE' (00), and a separator '-' (00). At the bottom are 'COPY' and 'CLOSE' buttons.

- Tap **00** button of **FROM PLU STATUS GROUP #**, then enter PLU STATUS GROUP number that the **PLU STATUS GROUP** is about to be copied from through pop-up **FROM PLU STATUS GROUP #** numeric pad. Tap **OK** to confirm, **CANCEL** to discard.

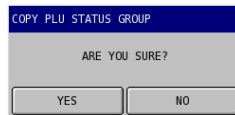
This screenshot shows the 'PLU STATUS GROUP COPY PROGRAMMING' window with a numeric keypad overlay on the right. The keypad has digits 0-9, a '00' button, a 'CLEAR' button, a left arrow button, and 'OK' and 'CANCEL' buttons. The 'FROM PLU STATUS GROUP #' field in the background now shows the number '0'.

- Tap the first **00** button of **TO PLU STATUS GROUP RANGE**, then enter the beginning PLU Status Group number of the range of **PLU STATUS GROUP** is about to be filled through pop-up **TO PLU STATUS GROUP RANGE** numeric pad. Tap **OK** to confirm, **CANCEL** to discard. Then tap the second **00** button of **TO PLU STATUS GROUP RANGE**, then enter the beginning PLU Status Group number of the range of **PLU STATUS GROUP** is about to be filled through pop-up **TO PLU STATUS GROUP RANGE** numeric pad. Tap **OK** to confirm, **CANCEL** to discard.

Two side-by-side screenshots of the 'PLU STATUS GROUP COPY PROGRAMMING' window. The left screenshot shows the 'TO PLU STATUS GROUP RANGE' field with '00' selected. The right screenshot shows the same field with '00' entered, indicating the first step of the range selection process.



☞ Tap **YES** on pop-up **COPY PLU STATUS GROUP** window to confirm, **NO** to discard.

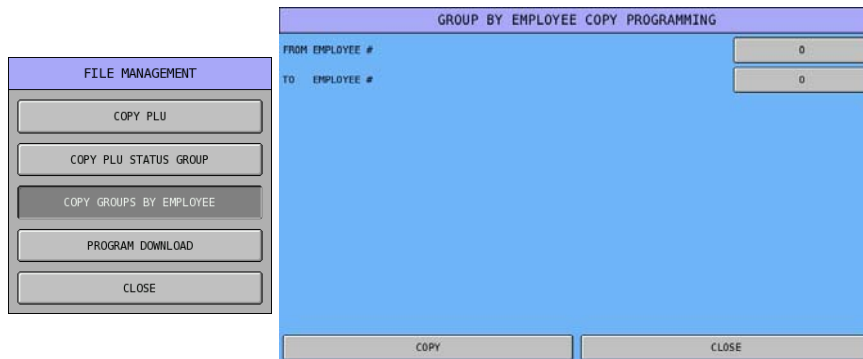


NOTE: The **00** button described before can be **000** or **0000**, this is based on # OF PLU STATUS GROUPS set in **S-Mode**, **MEMORY ALLOCATION** → **OPTION#1** → **2. # OF PLU STATUS GROUPS**.

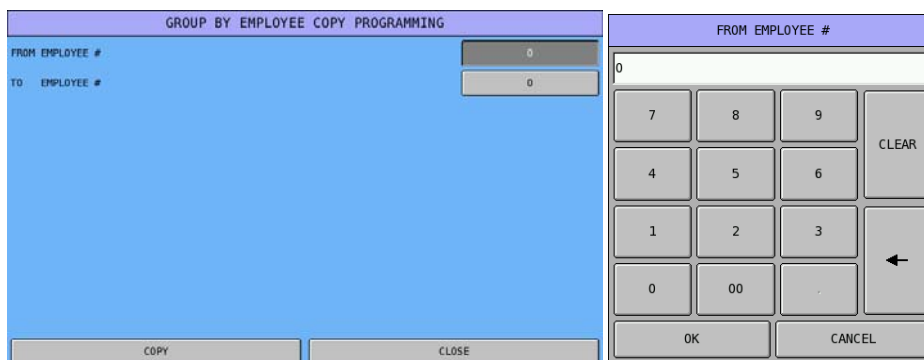
Copy Groups By Employee

Used to copy the information of a **Groups by Employee** to another **Employee** file. This saving time and energy on repetitive programming.

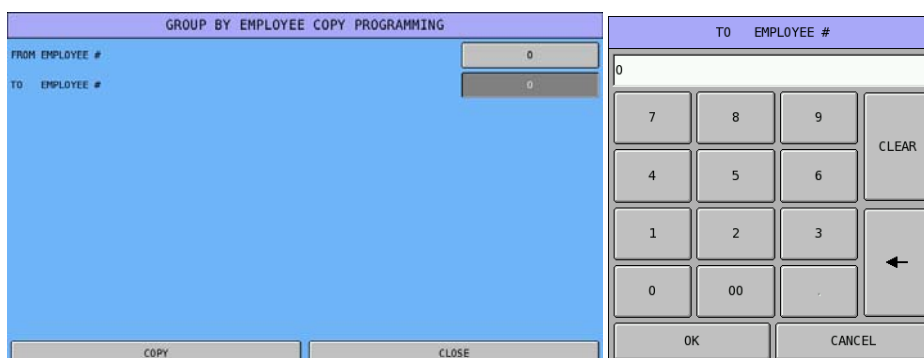
- Tap **COPY GROUPS BY EMPLOYEE** button on **FILE MANAGEMENT** window, then **GROUPS BY EMPLOYEE COPY PROGRAMMING** will pop-up.



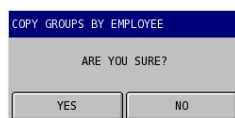
- Tap **0** button of **FROM EMPLOYEE #**, then enter **EMPLOYEE** number that the **GROUPS BY EMPLOYEE** is about to be copied from through pop-up **FROM EMPLOYEE #** numeric pad. Tap **OK** to confirm, **CANCEL** to discard.



- Tap **0** button of **TO EMPLOYEE #**, then enter **EMPLOYEE** number that the **GROUPS BY EMPLOYEE** is about to be copied to through pop-up **TO EMPLOYEE #** numeric pad. Tap **OK** to confirm, **CANCEL** to discard.



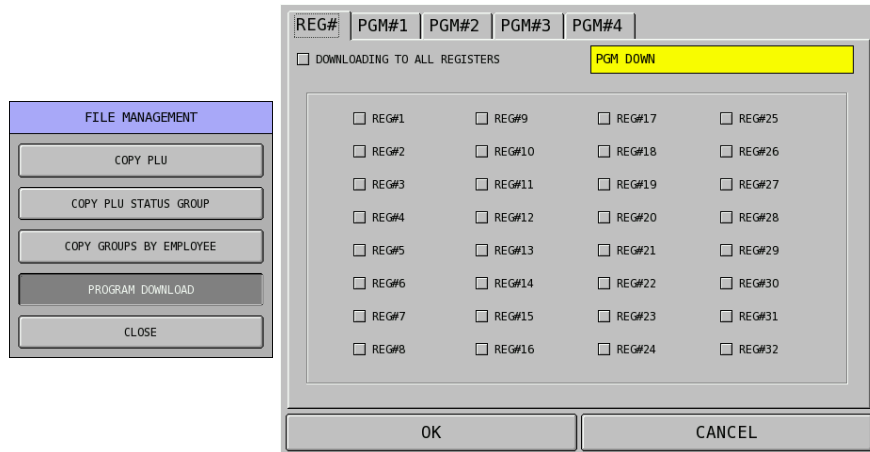
- Tap **YES** on pop-up **COPY GROUPS BY EMPLOYEE** window to confirm, **NO** to discard.



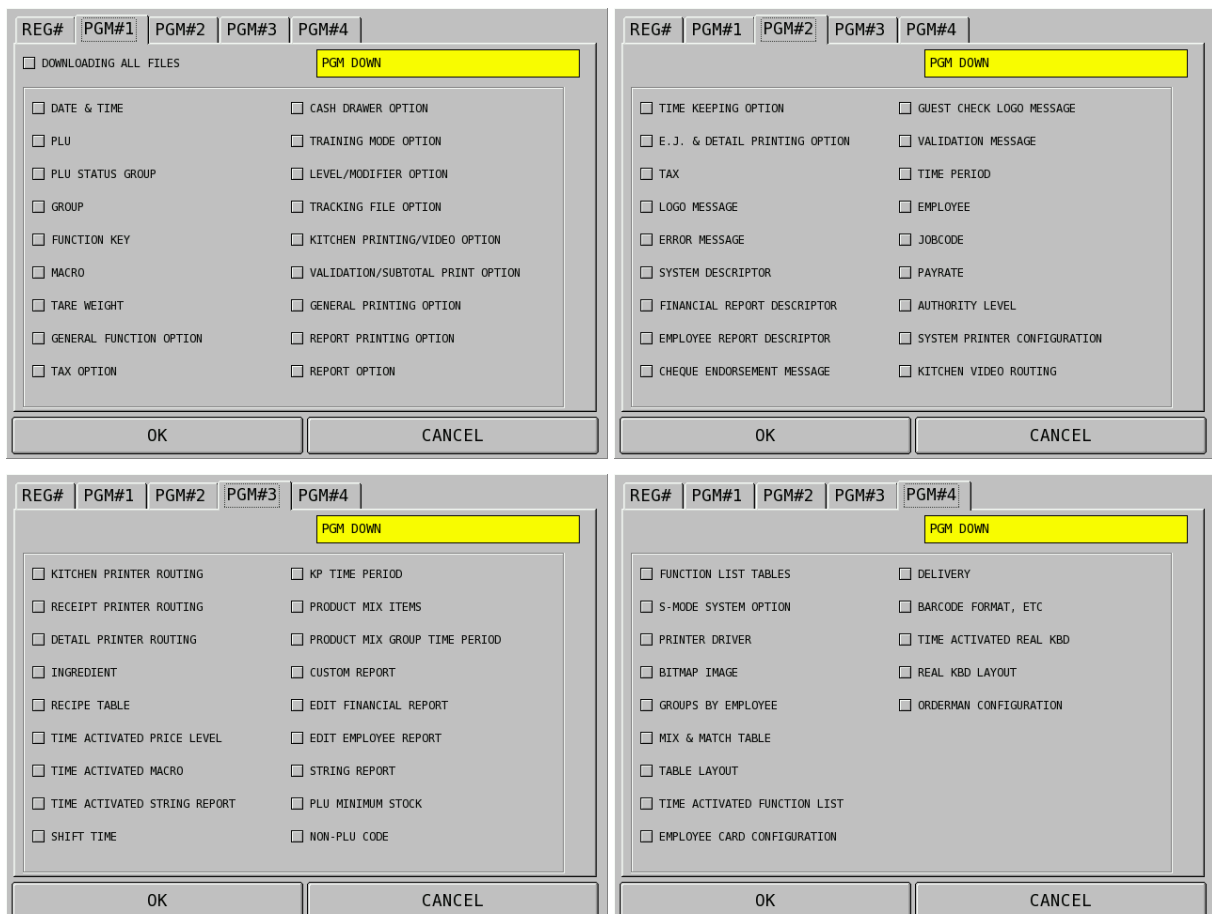
Program Download

This allows transfer of **all** or **individual** file(s) to **all**, **a group of** or **individual** terminals.

Tap **PROGRAM DOWNLOAD** button on **FILE MANAGEMENT** window, then a window with **REG#** tab at front, which allows to select terminal(s) will pop-up.



Tap on **PGM#1**, **PGM#2**, **PGM#3** or **PGM#4** tab to select program or programs, alternatively, you can tap **DOWNLOAD ALL FILES** to select all files. Tap **OK** to confirm, **CANCEL** to discard.



P-Mode PGM Scan

The function allows you to print copies of the register's **P-Mode**, programming.

☞ Tap **P-MODE PGM SCAN** button on **P-Mode** screen, and **P-MODE PROGRAM SCAN PRINTING** window will pop-up. Tap **PAGE UP** button or **PAGE DOWN** button to browse through available scan printing options, tap **CLOSE** to exit or select the type of Function key you want to program.

PLU	GROUP	FUNCTION KEY
SYSTEM OPTION	EMPLOYEE	REPORTS
TIME	PRODUCT & INGREDIENT	TAXES
MESSAGES	PRINTER & KV ROUTING	PROMOTION TABLE
FILE MANAGEMENT	P-MODE PGM SCAN	

P-MODE PROGRAM SCAN PRINTING		P-MODE PROGRAM SCAN PRINTING	
PLU BY RANGE	PLU BY PLU STATUS GROUP	TIME ACTIVATED FUNCTIONS	PRODUCT MIX GROUPS
PLU BY SELECTED PRICE LEVEL	PLU STATUS GROUP BY RANGE	MIX & MATCH TABLE	CUSTOM REPORT
GROUP BY RANGE	ALL FUNCTION KEYS	STRING REPORT	PLU STOCK BY RANGE
SYSTEM OPTION	TAXES	PLU MINIMUM STOCK BY RANGE	NON-PLU CODE
MESSAGES	TIME PERIOD	TARE WEIGHTS	MACRO
EMPLOYEE BY RANGE	JOB CODE	GROUPS BY EMPLOYEE BY RANGE	DELIVERY INFO
PAY RATE	AUTHORITY LEVEL		
PRINTER TABLES & KV ROUTING	INGREDIENT INVENTORY		
PAGE UP	PAGE DOWN	CLOSE	
		PAGE UP	PAGE DOWN
			CLOSE

Some of the options have additional program scan printing range filter, some others have sub-program selection, please follow the prompt command. Otherwise the program scan result should print straight away.

NOTE: A **MACRO** scan will print only All Macro keys' heading when there is no key sequences programmed into any Macro key. But will print 50 blank key sequences for the Macro keys that haven't been programmed if a Macro key is programmed.