

End User's Guide for QT6000 Simple Programming



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Simple Programming for QT6000

This Simple programming manual has been written to reduce the amount of time spent on QT6000 programming, and also to help customers to simplify on-going maintenance. This type of programming is fully interactive, allowing the ECR to be programmed in just few steps. It also allows end users to easily manage day to day changes to the products.

The Casio Philosophy is take you back to basic programming and aims at giving end users a step by step programming guide that uses simple icons and graphics with no technical jargons. Casio has now developed a template programming guide which uses spreadsheet style to allow simple programming of ECR to be completed in few steps. The template is as shown below.

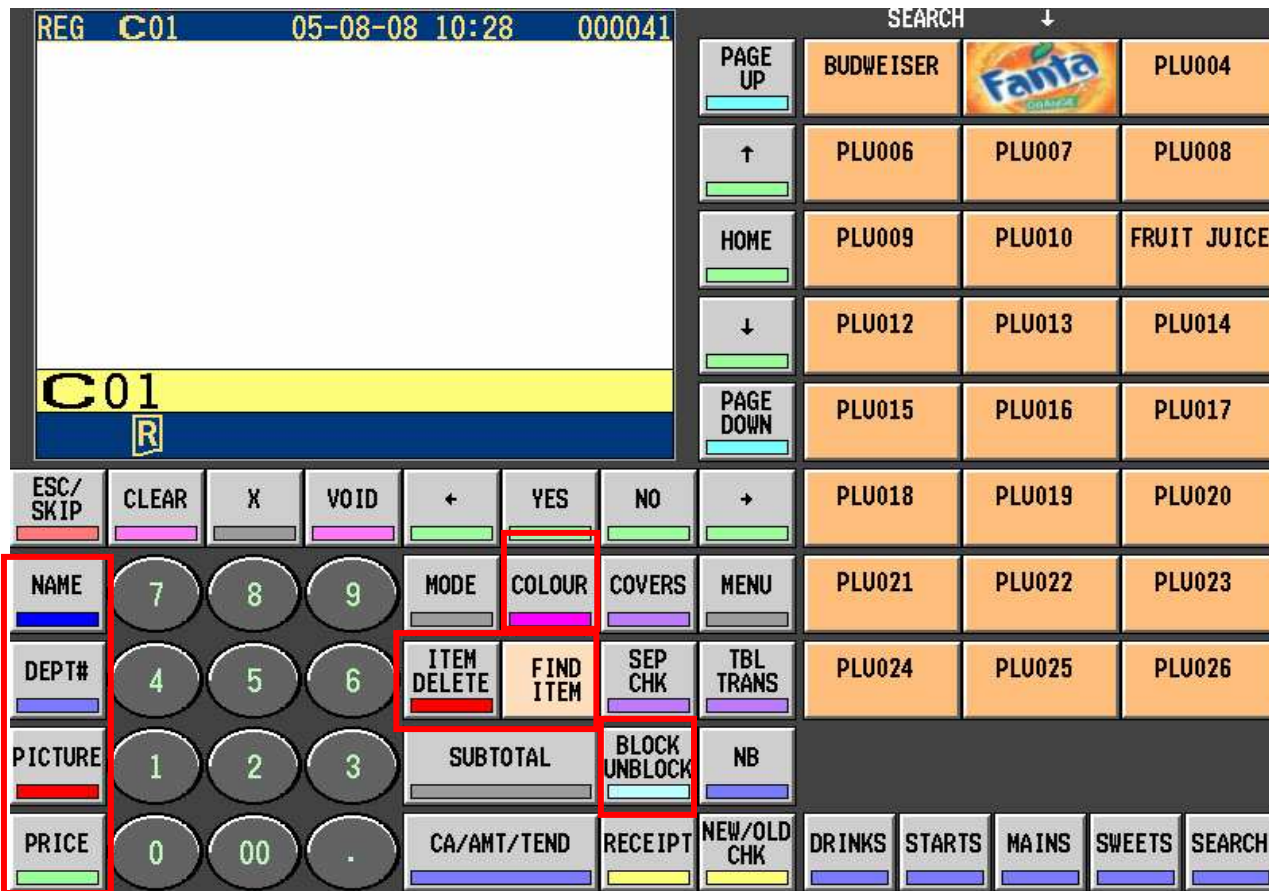
ITEM NO	NAME	DEPARTMENT	PICTURE / COLOUR	PRICE
1	BECKS	1	0	£2.00
2	BUDWEISER	1	0	£2.50
↓				
24	STELLA	1	0	£2.00
25	SOUP	2	0	£2.50
	PAPADOM	2	0	£1.00
↓				
50	SALAD	2	0	£1.50
51	STEAK & CHIPS	3	0	£3.50
52	RACK OF RIBS	3	0	£4.50
↓				
74	SEA BASS	3	0	£2.80
75	ICE CREAM	4	0	£1.50
↓				
100	APPLE CRUMBLE	4	0	£1.50

DRINKS DEPT: Contains PLU001-50 but only PLU 001-24 (as shown in yellow shaded area) will appear on first page of the search key until you pagedown. Therefore you must give high priority to your fast moving items and program them within range 1-24 so that they appear immediately every time you press the search key. Note that all first page items of the search keys are shown in yellow shaded area of the grid.

FOOD DEPT:
PLU51-74 Fast moving items

To use the template above, you must always program your fast moving items in each department link within the 1st set of 24 items. This will allow these items to be displayed on the first page of the search key, since the search key can only display a maximum of 24 items per page. You can personalize the way your items will be displayed either by coloured keys or keys with pictures. All programming tasks are done in PGM1 with the use of the maintenance keys as shown on the next page.

Maintenance keys



The following maintenance keys are required by user in PLU-DEPT-PGM screen to set up QT6000 by Simple Programming.

[PGM]

Registration key Descriptor	Function key Descriptor	Function key Codes
NAME	TEXT PRINT	11
DEPT#	DEPT#	135
PICTURE	PAID OUT	21
PRICE	PRICE	49
COLOUR	RECEIVED ON ACCT.	20
ITEM DELETE	CANCEL	236
FIND ITEM	DECIMAL POINT	98
BLOCK\UNBLOCK	VOID	34
DRINKS~SWEETS	SEARCH	246

PGM1: PLU-DEPT-PGM

The DEPT-PLU-PGM programming / maintenance screen allows users to change additional PLU settings in PGM 1 without the need to navigate to PGM 3. The programming options that end users can perform include the following:

- Add or Change PLU Name
- Add or Change PLU Price
- Add or Change Department link
- Block PLU (i.e. Prevent the registration of PLU) & Unblock PLU
- Add or Change PLU key Picture
- Add or Change PLU key Colour
- Quick Search for PLU in PGM1
- Delete item record from PLU-DEPT-PGM screen
- Restore item record

DEPT-PLU-PGM Screen in PGM1

PLU Number	Description	Department Link No.	Bitmap/Colour	PLU Price
1	PLU001	1	0	@1.00
2	PLU002	1	0	@1.00
3	PLU003	1	0	@1.00
4	PLU004	1	0	@1.00
5	PLU005	1	0	@0.00
6	PLU006	1	0	@1.00
7	PLU007	1	0	@1.00
8	PLU008	1	0	@1.00
9	PLU009	1	0	@1.00
10	PLU010	1	0	@1.00
11	PLU011	1	0	@1.00

0.00

Please turn to next page for Basic User Programming and Maintenance of PLU in PGM1.

Basic Programming and Maintenance of Items

All programming and maintenance of items are done in PLU-DEPT-PGM screen.
 This PLU-DEPT-PGM screen is as shown below and can be accessed through program 1.
 I.e. MODE → PGM1 → Press [1][YES][11][YES]

PLU-DEPT-PGM				
1	BECKS	1	0	@2.00
2	BUDWEISER	1	0	@2.50
3	PLU003	1	0	@1.00
4	PLU004	1	0	@1.00
5	PLU005	1	0	@1.00
6	PLU006	1	0	@1.00
7	PLU007	1	0	@1.00

Please follow the steps below to complete basic maintenance and programming of items.

1. Adding item name

Highlight available record as shown below

PLU-DEPT-PGM				
1	BECKS	1	0	@2.00
2	BUDWEISER	1	0	@2.50
3	PLU003	1	0	@1.00
4	PLU004	1	0	@1.00
5	PLU005	1	0	@1.00
6	PLU006	1	0	@1.00
7	PLU007	1	0	@1.00



Press

Input "FANTA", Press Enter

PLU-DEPT-PGM							
1	BECKS	1	0	@2.00			
2	BUDWEISER	1	0	@2.50			
3	PLU003	1	0	@1.00			
4	PLU004	1	0	@1.00			
5	PLU005	1	0	@1.00			
6	PLU006	1	0	@1.00			
7	PLU007	1	0	@1.00			
8	PLU008	1	0	@1.00			
9	PLU009	1	0	@1.00			
10	PLU010	1	0	@1.00			
11	PLU011	1	0	@1.00			
FANTA							
FA							

PAGE UP							
↑							
HOME							
↓							
PAGE DOWN							

1	2	3	4	5	6	7	8
Q	W	E	R	T	Y	U	I
A	S	D	F	G	H	J	K
Z	X	C	V	B	N	M	.

PLU-DEPT-PGM				
1	BECKS	1	0	@2.00
2	BUDWEISER	1	0	@2.50
3	FANTA	1	0	@1.00
4	PLU004	1	0	@1.00
5	PLU005	1	0	@1.00
6	PLU006	1	0	@1.00

2. Add Price to item i.e. set Price of FANTA to 2.00

Highlight record for FANTA | Press 300 | Press "PRICE" key

PLU-DEPT-PGM				
1	BECKS	1	0	@2.00
2	BUDWEISER	1	0	@2.50
3	FANTA	1	0	@1.00
4	PLU004	1	0	@1.00
5	PLU005	1	0	@1.00
6	PLU006	1	0	@1.00



PLU-DEPT-PGM				
1	BECKS	1	0	@2.00
2	BUDWEISER	1	0	@2.50
3	FANTA	1	0	@3.00
4	PLU004	1	0	@1.00
5	PLU005	1	0	@1.00
6	PLU006	1	0	@1.00

Changing Department number e.g. for FANTA from 1 to 5

Highlight record for FANTA | Press 5 | Press "DEPT#" key

PLU-DEPT-PGM				
1	BECKS	1	0	@2.00
2	BUDWEISER	1	0	@2.50
3	FANTA	1	0	@3.00
4	PLU004	1	0	@1.00
5	PLU005	1	0	@1.00
6	PLU006	1	0	@1.00



PLU-DEPT-PGM				
1	BECKS	1	0	@2.00
2	BUDWEISER	1	0	@2.50
3	FANTA	5	0	@3.00
4	PLU004	1	0	@1.00
5	PLU005	1	0	@1.00
6	PLU006	1	0	@1.00


3. Block and Unblock items

This feature is useful for seasonally sold items, for example certain items are sold between June and September. PLUs that are blocked are shown distorted on the DEPT - PLU - PGM list. You cannot register PLUs that have the block option set. The error message: PLU IS NOT ACTIVE! appears on the display when you register a blocked PLU. You must unblock the item to enable registration. Follow the steps below to block the PLU

Blocking PLU

Highlight e.g. PLU005 | Press 

PLU-DEPT-PGM				
1	BECKS	1	11	@2.00
2	BUDWEISER	1	0	@2.50
3	FANTA	1	94	@3.00
4	PLU004	1	0	@1.00
5	PLU005	1	0	@1.00

Blocked 

Repeat the steps above to unblock the item.

Note that any blocked item is automatically unblocked whenever you change its name

Registration of Blocked Item


In REG MODE | Press PLU005

Note that PLU005 is displayed as not active because it has been blocked.

REG C01 05-08-08 10:16 000040				Menu shift 1										
<div style="border: 2px solid red; padding: 5px; text-align: center; color: yellow; font-weight: bold;">PLU IS NOT ACTIVE!</div> <div style="background-color: yellow; padding: 5px; text-align: right; font-size: 24px; font-weight: bold;">0.00</div>				PAGE UP	PLU010	PLU020	PLU030	PLU040	PLU050					
				↑	PLU009	PLU019	PLU029	PLU039	PLU049					
				HOME	PLU008	PLU018	PLU028	PLU038	PLU048					
				↓	PLU007	PLU017	PLU027	PLU037	PLU047					
PAGE DOWN	PLU006	PLU016	PLU026	PLU036	PLU046									
ESC/SKIP	CLEAR	X	VOID	←	YES	NO	→	PLU005	PLU015	PLU025	PLU035	PLU045		
NAME	7	8	9	MODE	COLOUR	COVERS	MENU	PLU004	PLU014	PLU024	PLU034	PLU044		
DEPT#	4	5	6	ITEM DELETE	FIND ITEM	SEP CHK	TBL TRANS	FANTA	PLU013	PLU023	PLU033	PLU043		
PICTURE	1	2	3	SUBTOTAL		BLOCK UNBLOCK	NB	BUDWEI SER	PLU012	PLU022	PLU032	PLU042		
PRICE	0	00	.	CA/AMT/TEND		RECEIPT	NEW/OLD CHK	DRINKS	STARTS	MAINS	SWEETS	SEARCH		

Also, Press “DRINKS” key

Note that PLU005 is not display in “DRINKS” item list

REG C01 05-08-08 10:20 000040				SEARCH ↓										
<div style="background-color: yellow; padding: 5px; text-align: right; font-size: 24px; font-weight: bold;">0.00</div>				PAGE UP	BUDWEISER		PLU004							
				↑	PLU006	PLU007	PLU008							
				HOME	PLU009	PLU010	FRUIT JUICE							
				↓	PLU012	PLU013	PLU014							
PAGE DOWN	PLU015	PLU016	PLU017											
ESC/SKIP	CLEAR	X	VOID	←	YES	NO	→	PLU018	PLU019	PLU020				
NAME	7	8	9	MODE	COLOUR	COVERS	MENU	PLU021	PLU022	PLU023				
DEPT#	4	5	6	ITEM DELETE	FIND ITEM	SEP CHK	TBL TRANS	PLU024	PLU025	PLU026				
PICTURE	1	2	3	SUBTOTAL		BLOCK UNBLOCK	NB	BUDWEI SER	PLU012	PLU022	PLU032	PLU042		
PRICE	0	00	.	CA/AMT/TEND		RECEIPT	NEW/OLD CHK	DRINKS	STARTS	MAINS	SWEETS	SEARCH		

4. Adding Picture to item key e.g. Add a picture to the FANTA key

Highlight record for FANTA | Press  | Select  from displayed Picture window



The screenshot shows a POS terminal interface. On the left, a menu list titled 'PLU-DEPT-PGM' is displayed with the following items:


PLU	DEPT	PGM	PRICE
1	BECKS	1 0	@2.00
2	BUDWEISER	1 0	@2.50
3	FANTA	1 94	@3.00
4	PLU004	1 0	@1.00
5	PLU005	1 0	@1.00
6	PLU006	1 0	@1.00
7	PLU007	1 0	@1.00
8	PLU008	1 0	@1.00
9	PLU009	1 0	@1.00
10	PLU010	1 0	@1.00
11	PLU011	1 0	@1.00

The 'FANTA' record (row 3) is highlighted in yellow. Below the menu list, a keypad is visible with various function keys like 'ESC/SKIP', 'CLEAR', 'X', 'VOID', 'MODE', 'COLOUR', 'COVERS', 'MENU', etc. On the right side of the terminal, a 'Picture(16)' window is open, displaying a grid of beverage images: Diet Coke, Sprite, Fanta (lemon), Fanta (orange), and Bell's Scotch Whisky. The Fanta (orange) image is selected.

Note that the Picture/Colour record number for FANTA changed from 0 → 94 (As shown below)

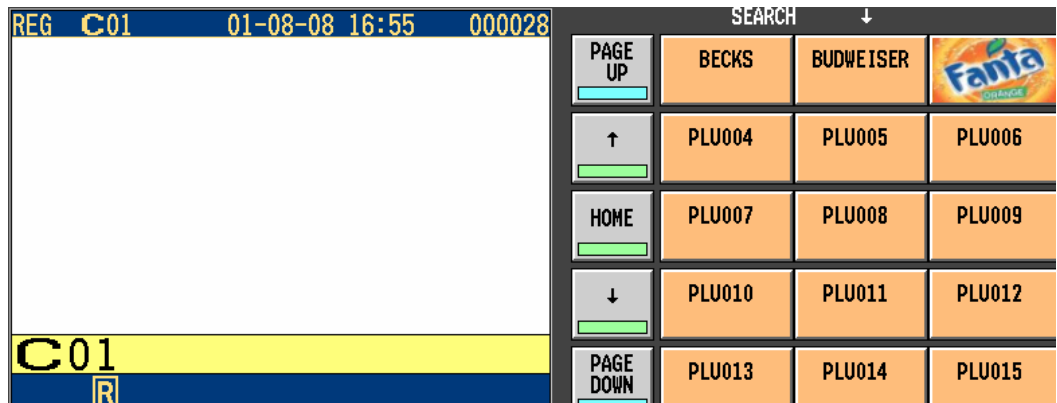
PLU	DEPT	PGM	PRICE
1	BECKS	1 0	@2.00
2	BUDWEISER	1 0	@2.50
3	FANTA	1 94	@3.00
4	PLU004	1 0	@1.00

You can also Add Picture to item keys by entering the picture record number directly onto picture key.

I.e. Enter (Picture record number e.g. 94) | Then Press 

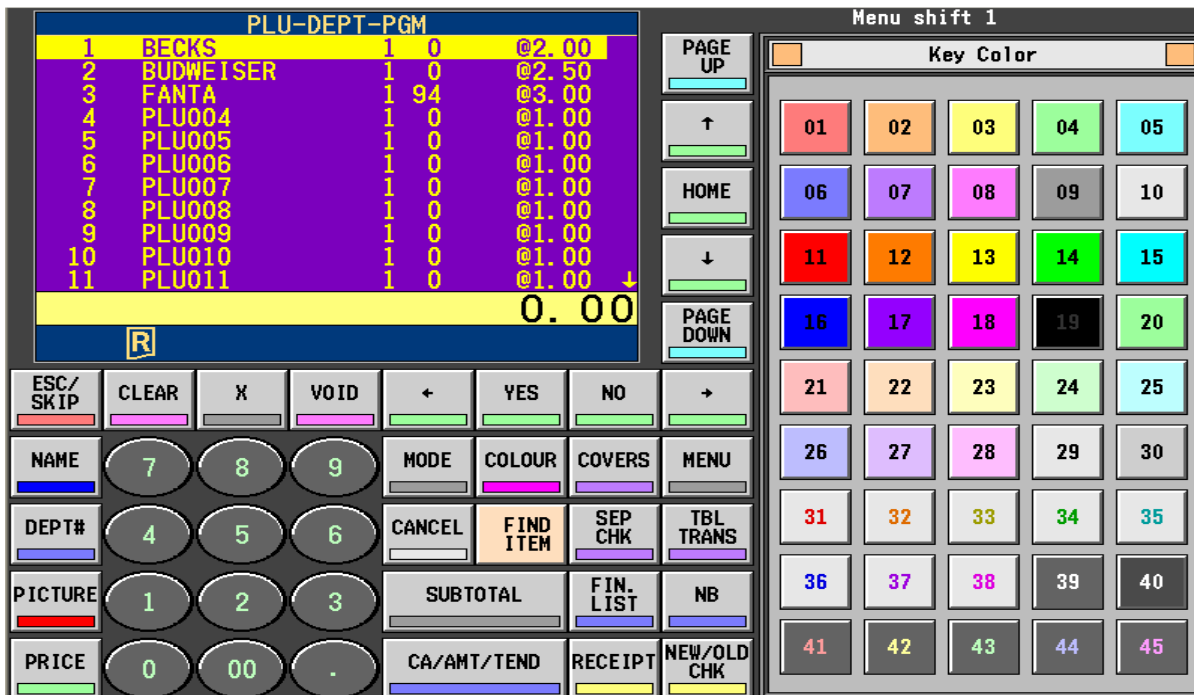
Please note that if there is no allocated picture file in the ECR, a colour pallet will be displayed instead of pictures when you press “PICTURE” key. Also if there is no allocated picture or colour to an item, it will take on the search key colour. An example of this is shown below where all other items keys except FANTA are displayed as the specified search key colour

[REG]



5. Adding Colour to item key e.g. Add item key colour “RED” to BECKS

Highlight record for BECKS | Press  | Select  from displayed colour pallet

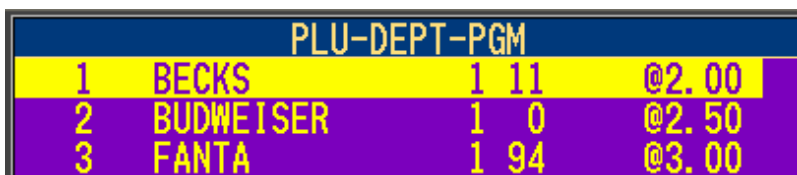


The screenshot shows the POS system interface. On the left, the 'PLU-DEPT-PGM' menu is displayed with the following items:

PLU	DEPT	PGM	PRICE
1	BECKS	1 0	@2.00
2	BUDWEISER	1 0	@2.50
3	FANTA	1 94	@3.00
4	PLU004	1 0	@1.00
5	PLU005	1 0	@1.00
6	PLU006	1 0	@1.00
7	PLU007	1 0	@1.00
8	PLU008	1 0	@1.00
9	PLU009	1 0	@1.00
10	PLU010	1 0	@1.00
11	PLU011	1 0	@1.00

The 'Picture' field for BECKS is highlighted in red. To the right, the 'Key Color' pallet is displayed, showing a grid of 45 color options. The color '11' (Red) is selected and highlighted.


Note that the Picture/Colour record number for BECKS changed from 0 → 11 (As shown below)




The screenshot shows the 'PLU-DEPT-PGM' menu after the color has been added to the BECKS item. The 'Picture' field for BECKS now shows '1 11'.

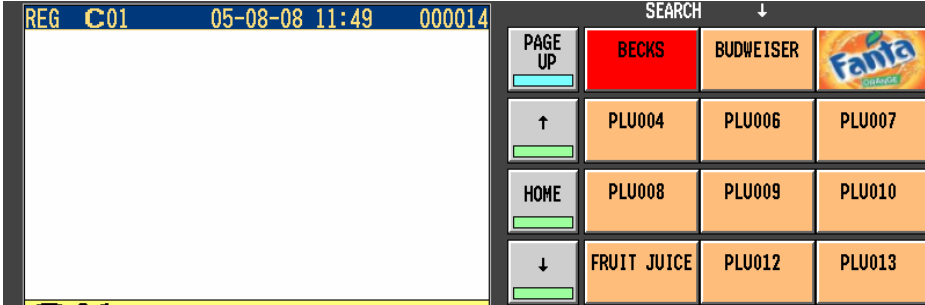
PLU	DEPT	PGM	PRICE
1	BECKS	1 11	@2.00
2	BUDWEISER	1 0	@2.50
3	FANTA	1 94	@3.00

You can also Add Colour to item keys by entering the colour record number from the colour pallet directly onto picture key.

I.e. Enter (Colour record number e.g. 11) | Then Press 

[REG]

Press 



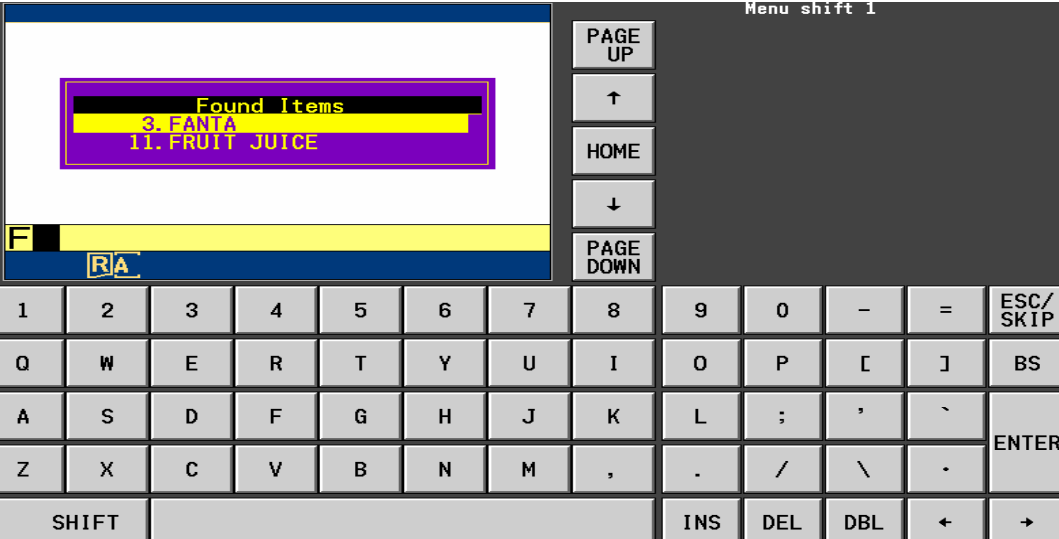
→ “BECKS” is now displayed in red colour.

6. Quick Item search

This feature allows you to quickly search for an item record whilst in DEPT-PLU-PGM programming screen.

The search is done and displayed immediately on screen as you type along each character of item descriptor. Follow the example below to search for FANTA.

Press  | Enter item name



Menu shift 1

1	2	3	4	5	6	7	8	9	0	-	=	ESC/ SKIP
Q	W	E	R	T	Y	U	I	O	P	[]	BS
A	S	D	F	G	H	J	K	L	;	'	`	ENTER
Z	X	C	V	B	N	M	,	.	/	\	.	
SHIFT							INS	DEL	DBL	←	→	

Note that all names that match with the search character you have entered so far are displayed on screen

7. Deleting item record

You can use Item Delete key to delete any item record from the PLU-DEPT-PGM screen. Note that the item descriptor can not be restored after deleting item record but all other all data programmed against that item such name, price, colour, picture etc. can be restored. A prompt message “*Do you want to clear data?*” appears on-screen whenever you attempt to delete an item, you must press YES to confirm deletion or NO to cancel deletion. Follow the example below to delete all programmed data against “BECKS”

(In order to avoid loss of sales data i.e. totalizer, it is advisable to take a z-report before deleting any item.)



Highlight PLU008 | Press

PLU-DEPT-PGM			
1	BECKS	1 11	@2.00
2	BUDWEISER	1 0	@2.50
3	FANTA	1 94	@3.00
4	PLU004	1 0	@1.00
5	PLU005	1 0	@1.00
6	PLU006	1 0	@1.00
7	PLU007	1 0	@1.00
8	PLU008	1 0	@1.00
9	PLU009	1 0	@1.00
10	PLU010	1 0	@1.00
11	FRUIT JUICE	1 0	@1.00

Do you want to clear data?

Press YES

PLU-DEPT-PGM			
2	BUDWEISER	1 0	@2.50
3	FANTA	1 94	@3.00
4	PLU004	1 0	@1.00
5	PLU005	1 0	@1.00
6	PLU006	1 0	@1.00
7	PLU007	1 0	@1.00
8	PLU008	1 0	@1.00
9	PLU009	1 0	@1.00
10	PLU010	1 0	@1.00
11	FRUIT JUICE	1 0	@1.00
12	PLU012	1 0	@1.00

Note: The PLU “BECKS” record no longer appears on the DEPT - PLU - PGM screen.

8. Restoring item record and its programmed data

Please follow the steps below to restore deleted item record/s in the PLU-DEPT-PGM screen.

Whilst in the PLU-DEPT-PGM screen, Press the “X” key

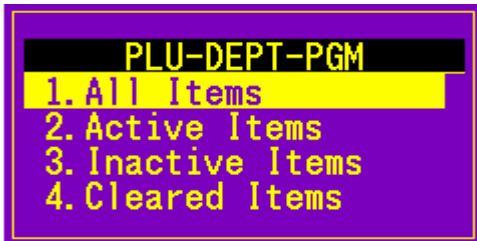
PLU-DEPT-PGM				
1		0	11	@0.00
2	BUDWEISER	1	0	@2.50
3	FANTA	1	94	@3.00
4	PLU004	1	0	@1.00
5	PLU005	1	0	@1.00
6	PLU006	1	0	@1.00
7	PLU007	1	0	@1.00
8	PLU008	1	0	@1.00
9	PLU009	1	0	@1.00
10	PLU010	1	0	@1.00
11	FRUIT JUICE	1	0	@1.00 ↓

Note that all programmed data for item record no1 i.e. “BECKS” which was previously deleted has now been restored back on to the PLU-DEPT-PGM screen but without any descriptor. (As shown above)
When using the “X” key, every deleted item records which were cleared and hidden will be restored back on the PLU-DEPT-PGM screen.

Report Printing

PLU-DEPT-PGM screen reports for the following type of item can be printed in PGM6 as follows.

[MODE][PGM6][YES][1][YES][6][YES]



1. All Items: Prints a report for all items in PLU-DEPT-PGM screen

2. Active Items: Prints out all items that are active and have not been blocked.

The Active item report can be printed by department range as shown below.

Active Items				
Enter	DEPT	Start	range	0
	DEPT	End	range	0
	OK?			YES

3. In active items: Prints out all items that have been blocked in the PLU-DEPT-PGM screen.

This report can also be printed by department range.

Inactive Items				
Enter	DEPT	Start	range	0
	DEPT	End	range	0
	OK?			YES

4. Cleared Items: Prints out all items that have been cleared from the PLU-DEPT-PGM screen.

