

SI-810 PR Label



Instruction Manual

Vision

Share the wisdom and wealth for welfare of external and internal customers, business associates and society at large.

Mission

Innovation, Improvement and Institutionalisation shall be the pillars of our business

- Electronic Weighing Systems & Solutions
- World-class products to meet the needs of local and global market

Quality Policy

Essae-Teraoka commits itself to Total Quality and shall constantly strive to earn “Customer Delight” by assuring quality in all activities.

Commitment to Quality Policy, Constancy of Purpose and Continuous Improvement are our guiding values.

Welcome

Essae family welcomes you to the fraternity of Essae users. We thank you for choosing our product. We, at Essae-Teraoka Pvt Limited, extend a very hearty welcome to the Essae club and assure you of our best services for optimum utilization of our product and services.

Essae family congratulates you for the choice of the machine. Thank you for the confidence reposed on us and we assure you of our best services.

We are honored by your choice and proud of our association. The journey of thousand miles will have to start with the first step. We have taken the first right step together in the journey of our business. Welcoming you once again to Essae Club and wishing you all the best.

Essae Family

Document Revision History

| Rev | Rev Date / Version No | Prepared By | Checked By | Details of Revision |
|-----|------------------------|-------------|-------------------|--|
| 0 | 25/7/2022 / SIPR57.01 | V.Nagarajan | SS Venkatesh Babu | First Release |
| 1 | 21/9/2022 / SIPR57.02 | V.Nagarajan | SS Venkatesh Babu | Battery Sensing limits are corrected as below: 1. 8.6V – AC 2. 8.4V – Bat 3. 7.5V – Low Bat 4. 6.5V - Shutoff |
| 2 | 12/10/2022 / SIPR57.03 | V.Nagarajan | V.Nagarajan | Barcode Data variable “g” is added for GS1 check digit. |
| 3 | 26/12/2022 / SIPR57.04 | V.Nagarajan | V.Nagarajan | “Battery Low” display and machine going off is solved. |
| 4 | 27/12/2022 / SIPR57.05 | V.Nagarajan | V.Nagarajan | Battery sensing voltages are changed because of modification in revision 3. Now adjusted to limits as given in revision 1. |
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| 6 | 29/4/2023 / SIPR57.07 | V.Nagarajan | V.Nagarajan | Default Capacity is changed to 30kg/5g. |
| 7 | 6/7/2023 / SIPR57.08 | V.Nagarajan | V.Nagarajan | 1kg/0.1g capacity/accuracy, Gross, net and tare weight printing in label was not correct. This is resolved. |
| 8 | 12/10/2023 / SIPR57.09 | V.Nagarajan | V.Nagarajan | Ethernet reinitialize without cable connected issue is solved. |
| 9 | 1/2/2024 / SIPR57.10 | V.Nagarajan | V.Nagarajan | 1. Label usage information is implemented in Label. 2. In Menu>Label Settings>Date Format, YY-MM-DD is added. |
| 10 | 25/6/2024 / SIPR57.15 | V.Nagarajan | V.Nagarajan | 1. WiFi module is changed to ESP32-C3-WROOM-02U. 2. Unit Sale Price (USP) is implemented in label. Using Label design, place Department name for USP to print. If weight is less than 1kg, USP is printed as Rs x.xx/g otherwise printed as Rs x.xx/kg. For non-weighing item, USP is printed as Rs x.xx/pc. |
| 11 | 18/12/2024 / SIPR57.16 | V.Nagarajan | V.Nagarajan | 1. “Menu>Settings>Print On Unstable Weight” is implemented for accepting weights. |
| 12 | 29/4/2024 / SIPR57.17 | V.Nagarajan | V.Nagarajan | 1. “Menu>Settings>Disable Manual Wt” is implemented for accepting Manual weight. |

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I. INTRODUCTION

The SI-810PR Label printing Scale (SI) is designed and developed for Retail and super market segments, with highly integrated communication facilities and networking interface.

The SI is the user-friendly menu driven system and is equipped with advanced features, various reports, a high degree of flexible configurations and ability to be customizable at the installation sites to the specific requirements of customers.

It is strongly advised to revert to Essae-Teraoka Pvt Limited to ensure that the SI supplied at a particular period is covered under this manual. Since the organization follows a policy of continuous improvements of products and services, parts of the manual or the whole is subjected to changes without notice.



DISCLAIMER: Though every care is taken to ensure accuracy of the contents, Essae-Teraoka Pvt Limited will not assume any responsibility for consequences resulting with use or misuse of this manual.

Thank you for purchasing a SI-810PR Label Scale from Essae-Teraoka. SI-810PR Label printing Scales are manufactured to achieve high performance, fast response and durability. This manual contains installation, operation and maintenance procedures. Please read this manual completely before using the SI.

Facilities required:

To install the SI, following are the requirements as a minimum:

- ✓ A stable, even and rigid work-table where SI can be installed.
- ✓ Proper earthing
- ✓ Away from the effect of fans, or cooler vents.
- ✓ Away from disturbances due to vibrating, rotating or reciprocating equipment.
- ✓ Away from strong magnetic fields or from equipment devices that can source EMI/RFI signals.
- ✓ Away from radiating heat sources.
- ✓ Enough work area around the SI for easy working.

| Meaning of Sign | |
|--|---|
| Caution  | Indicates a potential problem if neglected, may result in improper functioning of the system. |
| Note  | Used to emphasize essential information |

II. OVERALL SI-810PR DESIGN

1. SI-810PR Label Pole Type



2. SI-810PR Label Bench Type



3. SI-810PR Label Bottom View



4. Salient Features of SI-810PR

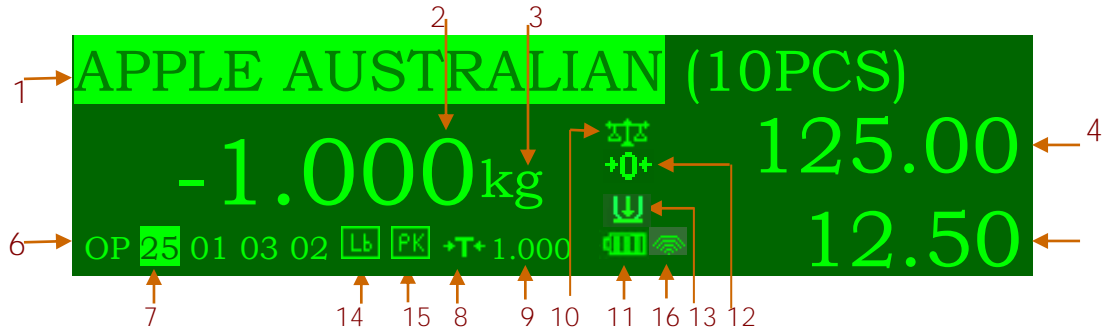
- ❖ Speedy Labeling
- ❖ Graphical LCD with pleasant green backlight.
- ❖ Soft key concept with context sensitive key functions.
- ❖ Different methods of communications: RS232 (1 nos.), Ethernet, USB host for Keyboard & Pendrive and WiFi (Optional).
- ❖ All options are controlled from menu system.
- ❖ Philips ARM processor based design.
- ❖ 5000 PLUs standard, can be extended to 9999 PLUs by factory option. PLU can be listed by Number, Name and Code. PLU can also be searched by Number, Name and Code.
- ❖ Browsing and deleting items of unclosed items in Total Label is possible.

III. DISPLAY & KEYBOARD

1. Display

1.1. Main Operational

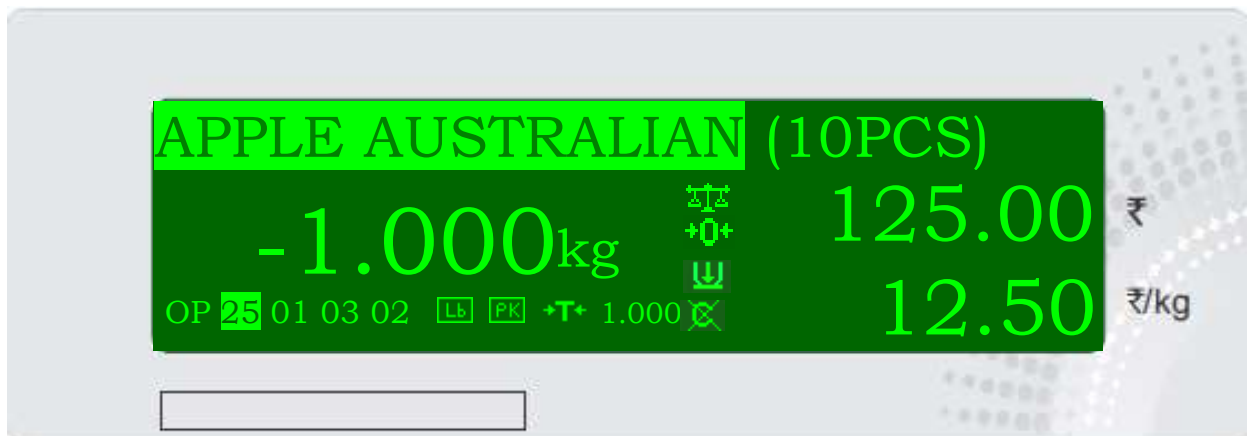
Display will look as below when all the options are enabled.



- | | |
|--|--|
| 1. Active PLU Name | 2. Weight on the platter. |
| 3. Unit of weight selected. | 4. Total Price |
| 5. Rate(Unit Price) | 6. Active Operators |
| 7. Current Operator | 8. Tare weight indicator |
| 9. Tare Weight | 10. Stability indicator |
| 11. Battery Indicator(Receipt) | 12. Zero weight indicator |
| 13. PLU Reorder, Blinks when current PLU Stock is less or equal to Reorder value | 14. Label Indicator |
| 15. Prepack Indicator | 16. WiFi connected/Blink for data transfer |

1.2. Customer Display

Customer Display will be as identical as main display but without soft keys. Customer Display can on the Pole or on rear side based on model.



1.3. Remote Display

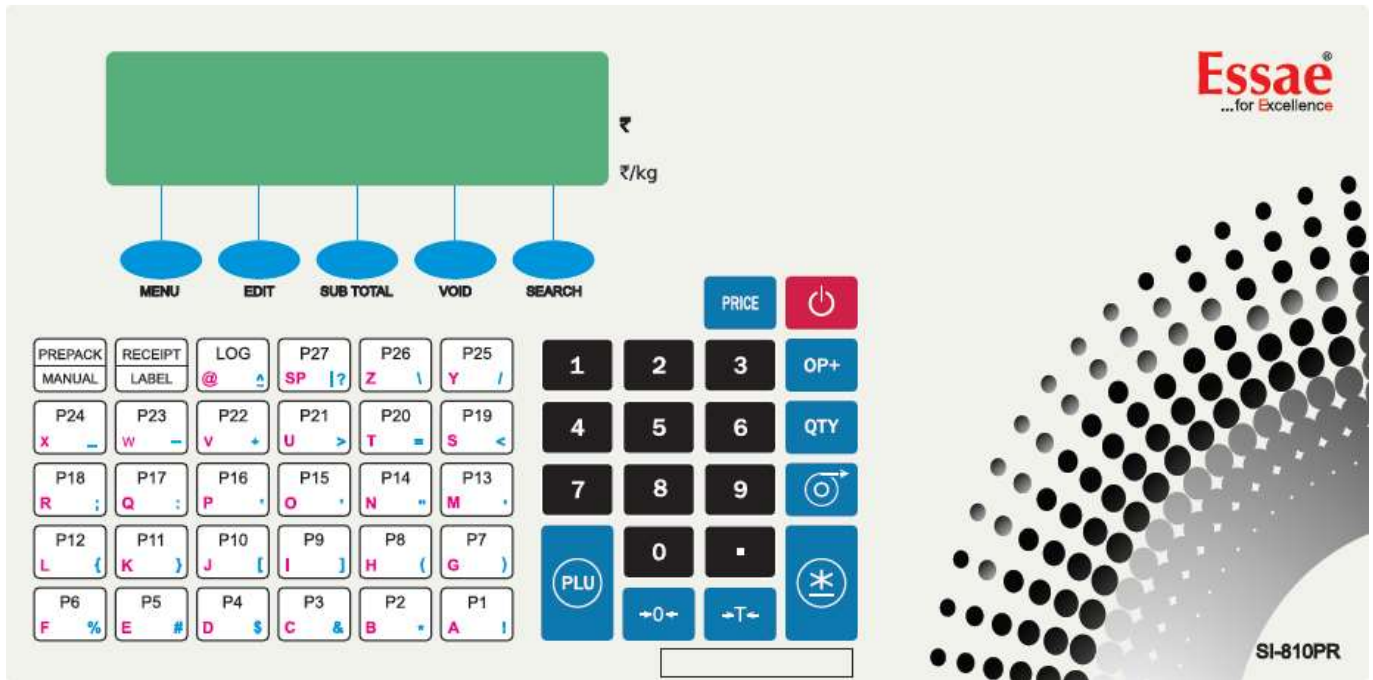
Remote Display will not be as main display. Remote Display can on the Pole or external and is connected via RS232. The Remote Display has two lines of 20 characters each. The First Line will have first 20 characters of PLU Name and Second Line will have Weight or Quantity and Total Price as shown below:



Grapes Thompson Seed
10.250kg Rs1086.50

1. Keyboard

- Keyboard consists of 4 different groups of keys.
 1. Functional keys
 2. Numeric keys
 3. Preset Keys
 4. Soft keys



1.1. Functional keys



Rezero: For rezeroing weight within acceptable limit. It is also used for clearing all entered characters at once.



Tare: To do *One touch* and *Digital Tare* within acceptable limit. It is also used to return to the application.



Feed: To give Label *feed* to the printer.



Print: In application mode, last item will be added to Total Label and then Label will be closed and the corresponding Item Label and or Total Label will be printed.



Qty: For changing item quantity. To clear and set quantity in “Intelligent” PLU recall method.



Price: For changing PLU unit price temporarily. To clear and set price in “Intelligent” PLU recall method.



OP+: For adding item to the selected operator. To print Item labels.



PLU: To recall programmed PLU. To clear and set PLU in “Intelligent” PLU recall method.

1.2. Numeric keys

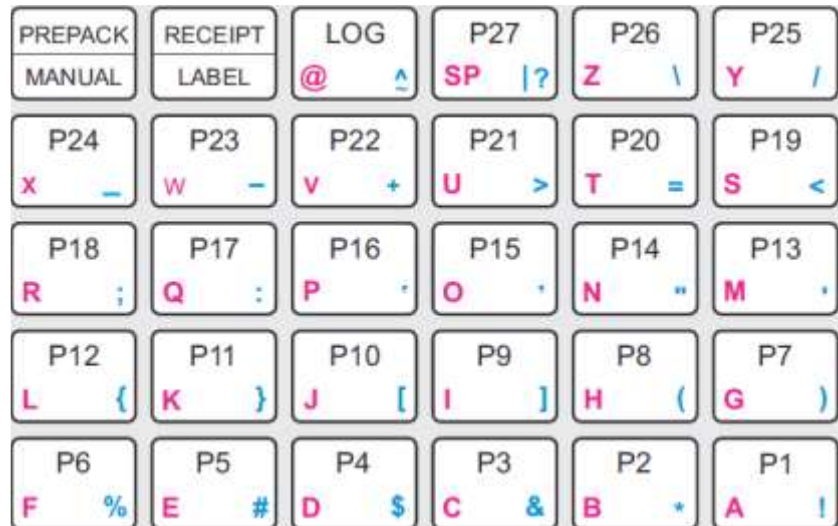
Used for entering numerical values.



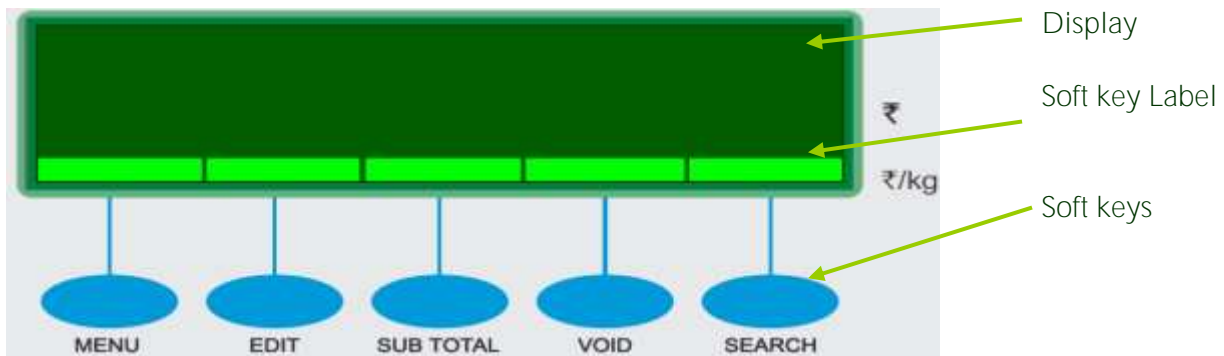
1.3. Preset Keys

Used to recall or store programmed PLU and functional keys.

30 preset keys are available.



1.4. Soft keys



- 5 soft keys are provided.
- Names of these soft keys are present in the display as soft key labels.
- If all soft key labels are not present then names below soft keys are referred.
- A Soft key label depends on the context.

1.5. PC keyboard keys mapped to SI keyboard keys

PC keys F1 to F12 are mapped to SI keyboard special function keys as shown below. This mapping allows us to work only using PS2 keyboard even if SI keyboard is not available.

| | |
|-------------|-------------|
| PC Keyboard | SI Keyboard |
| F1 | Soft key 1 |
| F2 | Soft key 2 |

| | |
|---------------------|--------------|
| F3 | Soft key 3 |
| F4 | Soft key 4 |
| F5 | Soft key 5 |
| F6 | Power On/Off |
| F7 | Rezero |
| F8 | Tare |
| F9 | PLU |
| F10 | QTY |
| F11 | Price |
| F12 | * (STAR) |
| - (Numeric key pad) | PF |
| + (Numeric key pad) | OP+ |



During power ON, if keyboard controller is not working then SI will be switched ON automatically and the "Keyboard-fail" message will be displayed.

Some of soft key function can also be mapped to PS keyboard keys as shown below:

| PC Keyboard | SI soft keys |
|-----------------|---|
| ↑ (Up arrow) | Up |
| ↓ (Down arrow) | Down |
| → (Right arrow) | Select |
| ← (Left arrow) | Back, No |
| ↵ (Enter) | Enter, Yes, Use, Save, Ok, Send, Test, Output, Next, Print, PLU, Edit |
| ← (Back Space) | Clear |
| Esc | Quit, Escape to application (This is also done using Tare key). |

IV. BASIC OPERATIONS

1. Switching On And Off

Briefly pressing  (ON/OFF) key, switches SI on or off.

When SI is switched ON, display shows “Essae” logo and then power on self-check of currently available hardware configuration takes place.

If any hardware is not O.K, then “fail” message will be shown:

```
System Configuration - Pass
RTC - Pass
UART - Pass
Keyboard - Pass
ADC - Pass
File System - Pass
```

Once the weight display appears, SI is ready to operate.

The power on will also recall the last active operator, selected PLU, Unit Price, quantity, item discount, subtotal discount, and cash.



Switch off key will work only in application and menu mode.

If “Menu> Communication> Ethernet> DHCP Enable” is set as ‘Yes’ then during self check of Ethernet hardware configuration, Ethernet (DHCP) will be displayed.

2. Setting Date And Time

- Time can be set in 24 hours format only. Date and time are to be entered in “DDMMYYYYHHMMSS” format without spaces.
- Press Menu soft key.
- Press Down soft key to navigate to Settings.
- Press Select soft key.
- Select Date and time by pressing Select soft key.

```
Date Time D M Y H M S 13072009115253
Key Buzzer
ON/OFF Bypass
Machine Name
Machine Number
Enter Back Change Clear
```

- Clear old date and time by pressing Clear soft key continuously till all the characters are cleared or press Rezero key to clear all characters at once.

- Use keyboard to enter date and time in DDMMYYYYHHMMSS format and confirm with Enter soft key. Incorrect inputs can be deleted with the Clear soft key.
- To return to application mode press $\rightarrow T \leftarrow$ key.

3. Weighing

- Place the object to be weighed on the platter.
- Wait until the weight is stable.



This symbol appears when weight is Stable.

- Read indicated weight.

4. Weighing With Tare

There are two methods for tarring weights: One Touch Tare and Digital Tare. The Tare operation temporarily overrides the currently selected PLU tare if any.

4.1. One Touch Tare.

- This method is used when tare weight is not known.
- Place the empty weighing container on the platter.
- Press **→T←** key to tare the weighing container.
- Once the weight is tarred, Zero display and tare symbol will appear.
- Place the material to be weighed in the container and then read the weight.



- If automatic tare is activated then there is no need to press tare key.
- The tare weight is retained until either a new tare is determined or SI is switched off.

4.2. Digital Tare

When 'Menu> Label Settings>PLU Recall Method is Manual'.

- In application mode, enter numerical values directly in the currently selected unit and then press tare key.



- The tare values entered will appear in the display with a negative sign and the symbol **→T←**. As soon as the weighing container with the corresponding weight is placed on the platter, the zero display appears.

4.3. Clearing Tare

Do Tare operation either by one Touch tare or digital tare method as above.

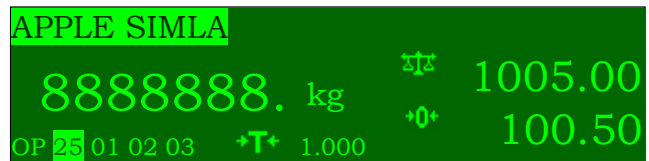
Remove the weight along with the container, the display will read –tare value, press **→T←** key, Tare will get cleared.



If auto Tare clear is enabled and auto tare clear condition is satisfied, the tare will get cleared automatically once you remove weight along with the container.

5. Rezero Operation

Weight can be zeroed at any time with the **+0+** key in application mode provided the following condition:



5.1. Limit

Weight can be rezeroed only if it is within the range specified in rezero tracking range (i.e. 'Menu> Scale>Zero> Rezero Tracking Range').

5.2. Rezero when weight is stable

This condition depends on the option selected in 'Menu> Scale> Zero> Rezero on stable'.

If 'Yes' is selected, then weight can be zeroed only if it is stable.

If 'No' is selected, then weight can be zeroed for both stable and unstable weights.

5.3. Rezero when tare present

Zeroing of weight when tare is present depends on the option selected in 'Menu> Scale> Zero> Weight zero on Tared'.

If 'Yes' is selected, then weight can be zeroed even when tare is present.

If 'No' is selected, then weight can't be zeroed when tare is present.

During rezero operation, weight will be displayed as "8888888." which will remain for a maximum of 2.5 second if conditions for successful operation of rezero not yet attained.

6. SI-810PR Label Loading

1. Open Label Printer Door



2. Remove 4 or 5 blank Labels based on label height. Guide the Liner (back) paper as shown.



3. Make sure it passes through Label Gap Sensor, between Platen and Head to the re-winder pool

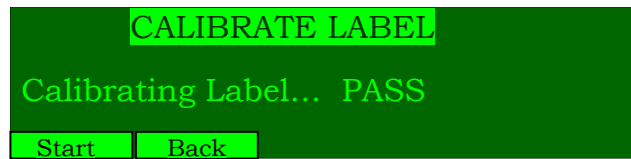


4. Close the Printer door and give Label feed so that a proper label comes out.

7. SI-810PR Label Calibration

When label is not ejecting properly or there is change in label size it is recommended to calibrate label.

For calibration go to “Menu>Label Settings> Calibrate Label”, the below screen is prompted:



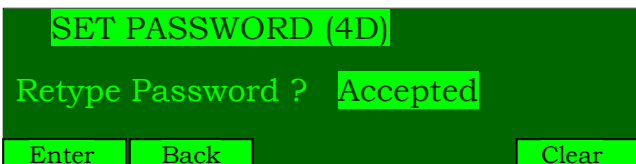
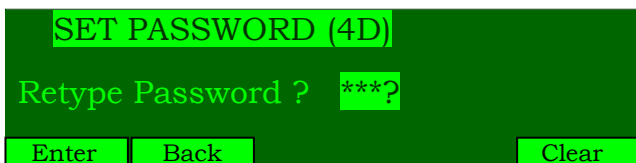
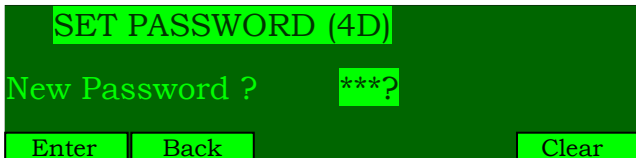
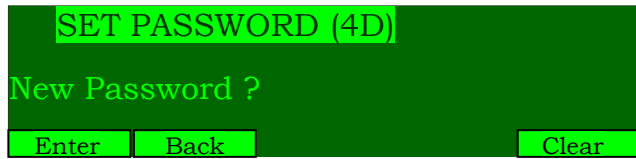
Load Label roll and press Start key. The labels will come out without printing. During Calibration peel off sensing is disabled. For calibration Maximum 3 label or Minimum 2 labels will be used. After calibration, “PASS” or “FAIL” or “Timed Out” message is shown.

In case no proper media is put, then motor will run for a maximum length of 3 x110mm i.e. (330 mm length).

V. ENHANCED FUNCTIONS

1. Password

We can set user password for entering into menu. By default no password is present. Follow below steps to set up a new password or alter existing password.



1. User password can be set in 'Menu> Settings> Set Password>'.
2. Enter the password. Password should be only 4 digit numeric value.
3. Entered numbers are indicated by *.
4. Any value other than numbers are indicated by '?'
5. Press Enter soft key to save the password.
6. Once Enter soft key is pressed, SI will prompt to retype the same password for confirmation.
7. Enter same password again.
8. If both passwords are same then SI will display "Accepted" message.
9. If passwords are different then SI will prompt to enter new password.
10. Incorrect inputs can be deleted with the Clear soft key.
11. Press Back soft key to exit password setting screen without storing any changes.

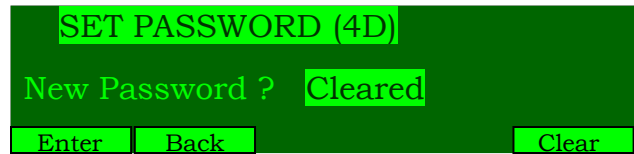


1. Password can be only 4 digit numeric value.
2. While entering password, any value other than numbers are indicated by '?'.
3. If any user password is present then password is prompted every time while entering menu.



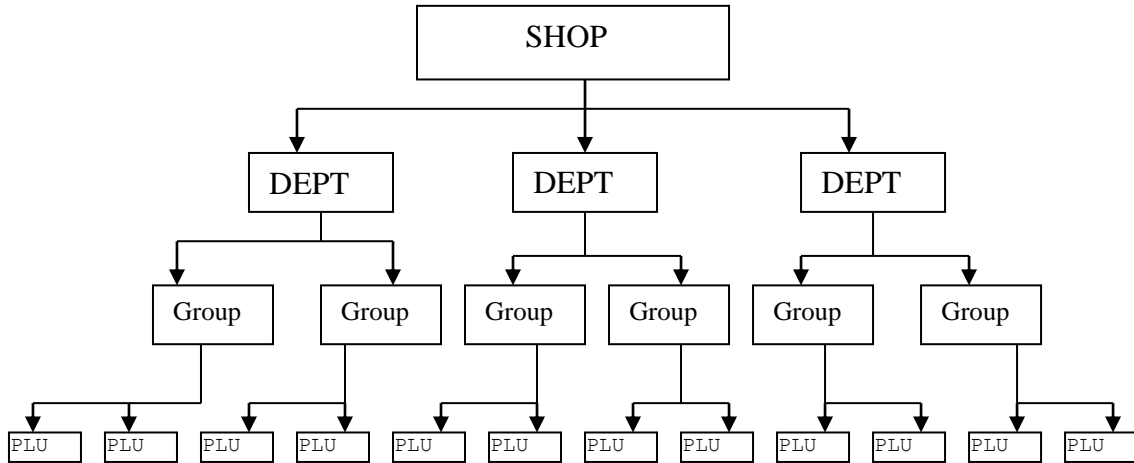
4. Following settings are protected from user, which needs 2507 password.
 - All options in Menu> Scale>
 - Menu> Settings> Machine Number
 - Menu> Settings> Calibrate Scale
 - Menu> Settings> Load defaults
 - Menu> Settings> Format flash file system.
 - Menu> Settings> Cash Drawer Open Pulse.
 - All options in Menu> Mapping.
 - All options in Menu> Hardware Configuration.
 - All options in Menu> Diagnostic.
5. Suppose if user forgets his password then it can be cleared in the following way:
 - ◆ While entering Menu, enter override password of 2507.
 - ◆ Now select Set Password.

- ◆ Without entering any values, just press Enter soft key. Now User password is cleared and SI will display “Cleared” message.



2. Item Management Levels

The Shop, Department, Group and PLU will be linked as shown :



| No | Item | Description |
|----|----------------------|---|
| 1 | PLU Number | Value (1 – 9999) |
| 2 | PLU Name | Maximum 48 characters |
| 3 | PLU Code | Maximum 20 digit alphanumeric value |
| 4 | Unit Of Measure(UOM) | WEIGH/ PCS |
| 5 | Unit Price | 0 to 9999.00 |
| 6 | Spl Unit Price | 0 to 9999.00 |
| 7 | Quantity | 0 to 99 |
| 8 | Group Link | 0 to 999. Only available groups can be assigned |
| 9 | Tax Link | 0 to 9. Only available taxes can be assigned |
| 10 | Barcode Link | 0 to 99. Only available Barcodes can be assigned |
| 11 | Barcode Flag | Maximum 4 char alphanumeric |
| 12 | Label Link | 0 to 99 Only available Labels can be assigned |
| 13 | Tare Weight | 0.000 to Less than Tare Limit |
| 14 | Tare Link | 0 to 99. Only available Tares can be assigned |
| 15 | Discount Link | 0 to 99. Only available Discounts can be assigned |
| 16 | Ingredient Link | 0 to 9999. Only available Ingredients can be assigned |
| 17 | Message Link | 0 to 999. Only available Messages can be assigned |
| 18 | Image Link | 0 to 99. Only available Images can be assigned |
| 19 | Logo Link | 0 to 99. Only available Logos can be assigned |
| 20 | Fix Price | No/Yes |
| 21 | Packed Date | 0 to 999 days from current date |
| 22 | Packed Time | 0 to 1440 minutes from current time |
| 23 | Sell By Date | 0 to 999 days from current date |
| 24 | Sell By Time | 0 to 1440 minutes from current time |
| 25 | Use By Date | 0 to 999 days from current date |
| 26 | Use By Time | 0 to 1440 minutes from current time |
| 27 | Minimum | 0.000 to 9999.000 |
| 28 | Target | 0.000 to 9999.000 |
| 29 | Maximum | 0.000 to 9999.000 |
| 30 | Linked PLU | 0 to 9999 |
| 31 | Coupled PLU | 0 to 9999 |

- There are 5000 PLUs, 999 Groups, 99 Departments.
- Preprogrammed tax and discount can be applied to department, group and PLU.
- The lowest level will have the highest priority. For instance if tax is programmed to a group as well as PLU, then for the transaction, the tax of PLU will be applied. If a PLU and its group is not having tax but its department is having a tax, then tax of department is applied.
- Temporary discount can override the preprogrammed discount.
- Temporary tax override is not possible.
- Tax and discount will be enabled from global settings individually in “Menu> Settings> Tax Enable and Discount Enable”.

3. PLU

The following operations describe the working of the PLU.



All weight Values are to be programmed with respect to net weight.

3.1. PLU Record

Each PLU record contains the following details

- Maximum number of PLU records is 5000.
- Non-PLU weighing is assigned to PLU no 9998.
- Non-PLU non-weighing is assigned to PLU no 9999.
- PLUs not linked to any group are assigned to group 999.

Default PLUs

| Item | Non-PLU Weighing | Non-PLU Non-Weighing |
|----------------------|------------------|----------------------|
| PLU Number | 9998 | 9999 |
| PLU Name | PLU Name 9998 | PLU Name 9999 |
| PLU code | 009998 | 009999 |
| Unit Of Measure(UOM) | WEIGH | PCS |
| Unit Price | Rs. 0.00 | Rs. 0.00 |
| Spl Unit Price | Rs. 0.00 | Rs. 0.00 |
| Quantity | 1 | 1 |
| Group Link | 999 | 999 |
| Tax Link | 0 | 0 |
| Barcode Link | 99 | 99 |
| Barcode Flag | | |
| Label Link | 99 | 99 |
| Tare Weight | 0.000kg | 0.000kg |
| Tare Link | 0 | 0 |
| Discount Link | 0 | 0 |
| Ingredient Link | 0 | 0 |
| Message Link | 0 | 0 |
| Image Link | 0 | 0 |
| Logo Link | 0 | 0 |
| Fix Price | No | No |
| Packed Date | 0 Days | 0 Days |
| Packed Time | 0 Mins | 0 Mins |
| Sell By Date | 0 Days | 0 Days |
| Sell By Time | 0 Mins | 0 Mins |
| Use By Date | 0 Days | 0 Days |
| Use By Time | 0 Mins | 0 Mins |
| Minimum | 0.000kg | 0.000kg |
| Target | 0.000kg | 0.000kg |

| | | |
|-------------|---------|---------|
| Maximum | 0.000kg | 0.000kg |
| Linked PLU | 0 | 0 |
| Coupled PLU | 0 | 0 |

- Default PLUs UOM cannot be changed.
- PLU Search by Name, code and number is present in PLU menu.
- PLU can be recalled either by number or by code. By default PLU is recalled by number.



To clear the current PLU, Enter 0 key in application mode and then press PLU key. It will clear PLU name and PLU unit price from the application screen.

- Application screen will display selected PLU name.
- Unit price, Qty if PCS and tare values of selected PLU can be changed. But these changes are temporary till SI is switched off or if PLU is edited.
- We can change Unit price, Qty if PCS, and tare values of selected PLU without using Edit soft key in the following way:
 - To change Tare value:
 - In application screen enter values in current unit and press **→T←** to update tare value.
 - To change Unit Price:
 - In application screen enter values and press Price key to update Unit Price of selected PLU.
 - To change Qty:
 - In application screen enter values and press QTY key to update Quantity of selected PLU for non-weighing PLU.

If PLU records are not present.



When no PLU records are available, SI will display “NO PLU ADD NEW” and prompts you to create a new PLU record.

If PLU records are present.

1. PLU records can be listed in ascending order based on number, name or by code.
2. Press Select soft key to select the type of list.
3. Press Up soft key to select the previous PLU records.
4. Press Down soft key to select the next PLU record.
5. To search a particular PLU record, enter values directly. E.g. if PLU is listed based on numbers then enter PLU number of the record you want to search. You can also search PLU by pressing Search PLU key in application mode.
6. Press Use soft key to use the selected PLU record.

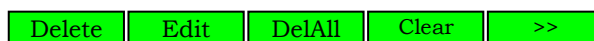
3.2. PLU Operations

Following soft keys are provided in three different pages for performing various operations on PLU. To select different soft key pages, press >> soft key.

- First soft key page



- Second soft key page



- Third soft key page



Search:

PLUs can be searched by Number, Name or Code. Suppose we are searching by PLU numbers then, enter PLU number. If it is present corresponding PLU will get highlighted and then we can operate on that. If it is not present then, the nearest PLU will get highlighted.

PLU numbers are listed in the ascending order.

PLU names and PLU codes are listed in the following order:

- Special printable characters
- Space
- Number
- Lower case
- Uppercase
- Non Printable characters

E.g.

| Available PLU names | PLU names Listed by SI |
|---------------------|------------------------|
| AAB | ? a |
| AaB | ?ab |
| ?AB | ?AB |
| ?ab | Ab |
| aAB | 123 |
| ? a | aAB |
| Ab | AaB |
| 123 | AAB |

Delete :

Select the PLU record to be deleted using Up and Down soft keys or directly enter PLU No. Press Delete soft key to delete selected PLU record.



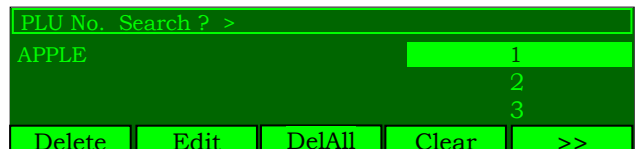
Once Delete soft key is pressed, **“Delete PLU?”** message will be displayed. Press YES soft key to delete selected PLU. Press No soft key to cancel deleting of a PLU record.



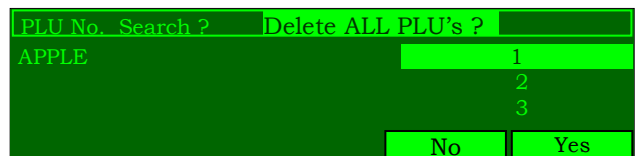
Default PLU (9998 and 9999) or any PLU having sales cannot be deleted.

Delete All PLU's :

Press DelAll soft key to delete all PLU's.



Once DelAll soft key is pressed, **“Delete All PLU's?”** message will be displayed.



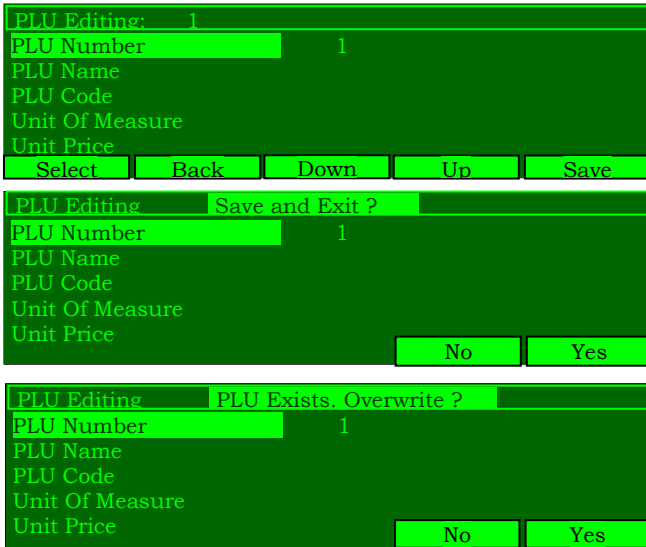
Press YES soft key to delete PLU's. Press No soft key to cancel deleting of PLUs.



Will not delete Default PLU (9998 and 9999) or any PLU having sales cannot be deleted.

Edit:

Details of PLU can be edited.



1. Select a PLU record to be edited and then press Edit soft key. Following screen will be displayed.
2. Edit PLU record.
3. Press Back soft key to retain old values.
4. When Back soft key is pressed "Save and Exit?" message will be displayed.
5. Press Yes soft key if you want to save changes. Press No soft key if you don't want to save changes.
6. After editing press Save soft key. If you don't save PLU, the changes will not be updated.
7. When Save soft key is pressed following screen will be displayed. Press Yes soft key if you want to save changes. Press No soft key if you don't want to save changes.

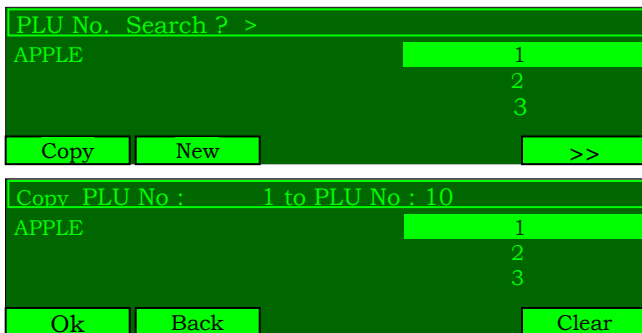
Clear:

This key is used to clear characters entered.

Copy:

Details of one PLU record can be copied to another PLU record.

Once PLU record is copied, only PLU no will be unique value and all other details will be same in both source and destination PLU record.



1. Select the PLU record to be copied by using Up and Down soft keys present in different soft key page.
2. Press Copy soft key to copy the details of the selected PLU record. Once the Copy soft key is pressed, display will look like this.
3. Enter destination PLU No to which you want to copy the details of selected PLU record.
4. Press Ok soft key to copy the details.
5. Press Back soft key to exit without copying.

New:

To create new PLU, press New soft key. All operations are similar to Edit.

Use:

This soft key is used to select PLU record in the application. First select PLU record and then press Use soft key. Once Use soft key is pressed, SI will return to application mode.

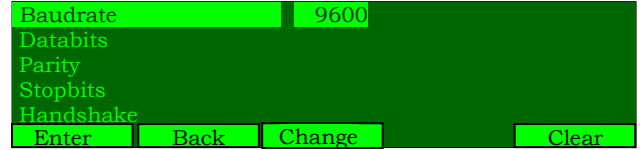


VI. COMMUNICATION

1. Baud Rate setting of RS232 #1 to 5

Press 'Menu> Communication> RS232 #1'

Press Select soft key, the current value will be highlighted. Clear all the digits of baud rate using Clear soft key and then enter new value using numeric keys. Press Enter soft key to store the value.



If the menu option is selectable type (for E.g. Parity) use change soft key for selecting the right option. Similarly remaining communication parameters of RS232 #1 can be programmed.

Use same procedure for programming RS232 #2 to 5.

2. Weight Data

Weight Data can support 4 types of Weight transfer mode namely:

- Stream
- Command
- Manual
- Auto transfer

Weight data will be sent only if following conditions are satisfied:

- In 'Menu> Communication> Weight Data>' if 'Stable Weight Transfer' is set as 'Yes' then SI will wait till the weight is stable and then send it.
- Current Weight should be greater than 'Minimum Weight' set in 'Menu>Scale> Miscellaneous>'.

Stream Mode

In stream mode the selected weight data is sent continuously.

Manual Mode

In manual mode when key is pressed the selected weight data is sent.

Command Mode

In command mode, the command required to get weight data is ctrl E.

Auto Transfer

If Auto Transfer mode is selected, SI will send current weighing result to the peripheral devices automatically.

| | | | |
|-----------------------|-----|-------------------|-------|
| Start | STX | The start of data | 02H |
| Weight Delimiter | CR | The end of data | 0DH |
| End | LF | The end of Text | 0AH |
| Numeric Weight Header | : | Gross Weight | (3AH) |
| | 0 | Net Weight | (30H) |
| | 4 | Tare Weight | (34H) |
| Alpha Weight Header | G | Gross Weight | (47H) |
| | N | Net Weight | (4EH) |
| | T | Tare Weight | (54H) |
| Weight Stable | SOH | Weight stable | (01H) |
| | NUL | Weight unstable | (00H) |

General Data Format (All options are enabled from the Menu)

| Description | Start | Stable status | Header | Weight | Unit Delimiter | Unit | Weight Delimiter |
|-------------------|-------|---------------|--------|----------|----------------|-------------|------------------|
| ASCII | STX | SOH/NUL | :/G | Gross Wt | space | g /kg/lb/lt | CR |
| No. of Characters | 1 | 1 | 1 | 1-8 | 1 | 2 | 1 |

| Description | Header | Weight | Unit Delimiter | Unit | Weight Delimiter |
|-------------------|--------|--------|----------------|-------------|------------------|
| ASCII | 0/N | Net Wt | space | g /kg/lb/lt | CR |
| No. of Characters | 1 | 1-8 | 1 | 2 | 1 |

| Description | Header | Weight | Unit Delimiter | Unit | Weight Delimiter | End |
|-------------------|--------|---------|----------------|-------------|------------------|-----|
| ASCII | 4/T | Tare Wt | space | g /kg/lb/lt | CR | LF |
| No. of Characters | 1 | 1-8 | 1 | 2 | 1 | 1 |

- Following options are controlled in '*Menu> Communication> Weight Data>* '
- STX, Stable status, Header, Unit, are optional.
- All (Gross wt, Net wt and Tare wt) or any one of the three weights are optional.
- Unit delimiter will be output if unit output is enabled.

One Touch Tare

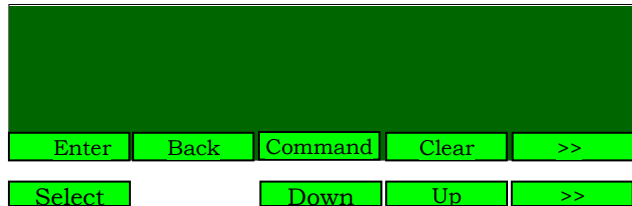
'Menu> Communication> Weight Data> One Touch Tare' should be set to 'Yes' for tarring from selected physical device.

Press T/t key on the selected physical device to tare. The tare conditions for unstable tarring in '*Menu> Scale> Tare> One Touch Tare on Stable'* should be 'No'.

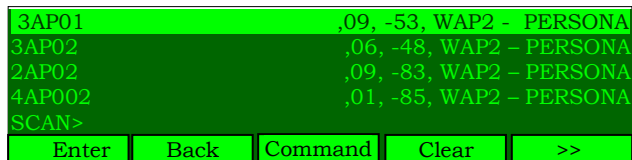
3. WiFi Terminal

Select in 'Menu> Communication>WiFi>Terminal to execute this command. When Menu>Communication>WiFi>WiFi On RS232 #4 is yes, WiFi options is enabled. The RS232 #4 should be mapped to one of the Logical devices; otherwise power on testing will always fail. Scan AP (Access Points), select AP, Status, Settings, test and Init of WiFi interface can be done.

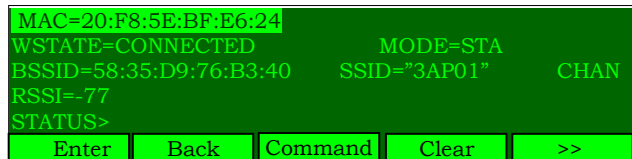
Press Command soft key repeatedly, the SCAN, STATUS, SETTINGS, INIT predefined commands will scroll. Press Enter soft key to execute predefined command.



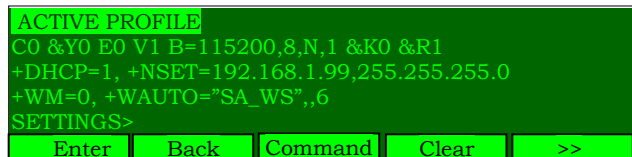
SCAN: After scan command is given, display will list the available APs present in its range. Now we can select required AP using Down and Up soft key. After highlighting the required AP, press Select soft key. Make sure that "SCAN" is shown in the screen. Please note password to be set inside menu.



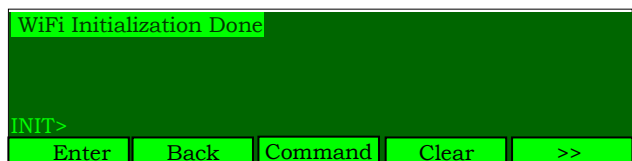
STATUS: After status command is given, the following screen will be shown.



SETTINGS: After settings command is given, the following screen will be shown.



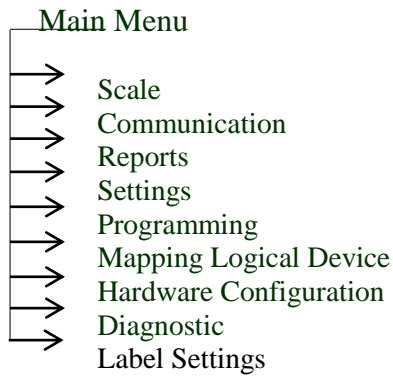
INIT: After init command is given, the following screen will be shown.



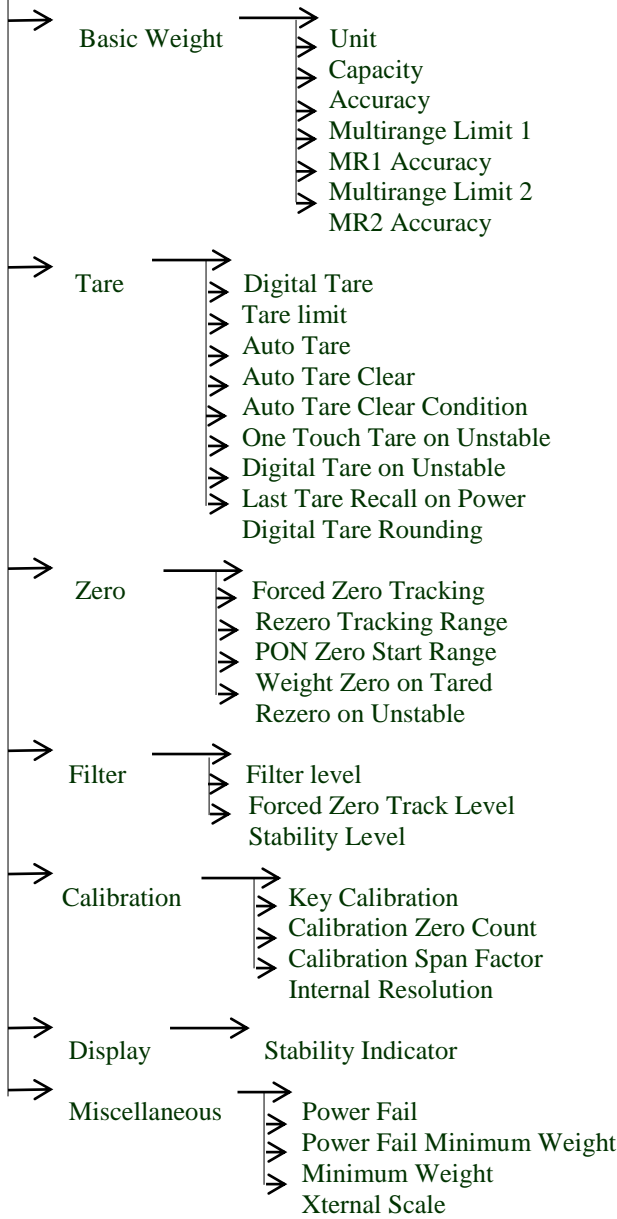
VII. MENU OVERVIEW

- Highlighted text indicates that particular menu option is selected.
- The symbol '>' in menu option name indicates that next level of menu is present.
- Press Up soft key to select previous menu option.
- Press Down soft key to select next menu option.
- Press Select soft key to go to next lower level in menu if it is present or to select an option or to execute command.
- Press Back soft key to go to higher level in menu.
- If any menu option is password protected then that value will be shown but editing will not be allowed until password is entered.

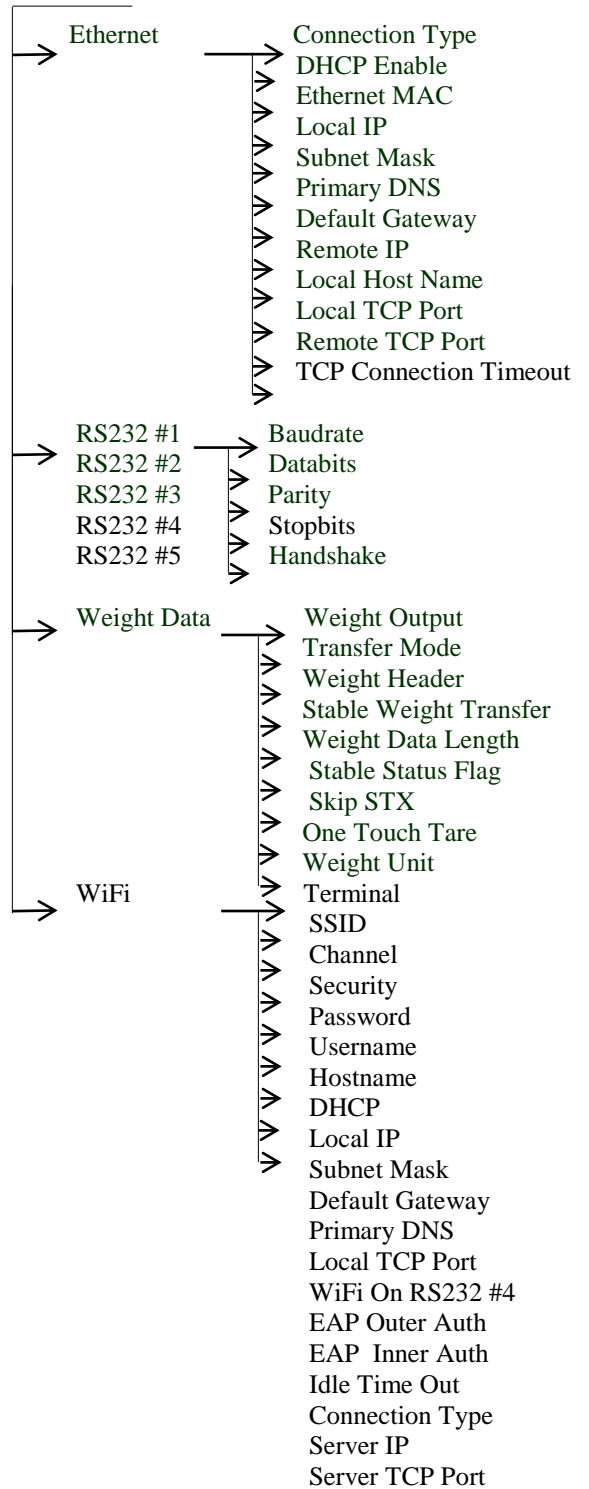
The software version is common between SI-810PR Label and SI-810PR Receipt, so function meant for particular model should be only used.



Scale



Communication



Reports

- Print Reports
 - Total Sales
 - PLU Sales
 - Department Sales
 - Group Sales
 - Hourly Sales
 - Operator Sales
 - Bill Summary
 - Old Bill
 - Inventory
 - PLU Price Override
 - Bill Cancellation
 - PLU Reference
 - PLU Reorder
 - All Sales
 - RA-PO
 - Non-Cash
 - Waiter Sales
 - Pending KOT
 - Total Sales Summary
 - Detailed Inventory
- Clear Report
 - All Reports
 - Sales Reports
 - Today's Sales Reports
 - Delete Pending KOT
- Cancel Bills
- Refund
- Rounding
- Print Bill
- No of Line Feeds
- Line Feed Command
- Bypass Escape Commands
- Cut Paper
- Clear Today's Sales Auto
- Bill Duplicate Copies
- Printer Font
- Rupee Symbol
- Bill Options
 - Header print
 - Footer Print
 - Machine No Print
 - Date Print
 - Time Print
 - Bill No Print
 - Operator Name Print
 - Total Wt/Qty Print
 - Item Count Print
 - Bill Text Prompt
 - Duplicate Bill Print
- UPI QR Code
 - UPI QR Code Enable
 - Amount in UPI Enable
 - Fixed Transaction Enable
 - UPI URL All
 - URL Info #1
 - ~
 - ~
 - URL Info #15

Settings

- Date Time D M Y H M S
- Key Buzzer
- ON/OFF Bypass
- Machine Name
- Machine Number
- Calibrate Scale
- Load Defaults
- Set Password
- Format File System
- Tax Enable
- Inventory Enable
- Discount Enable
- PLU Price Override Enable
- PLU Tare Enable
- PLU Recall By
- Enable Non-PLUs
- Cash Drawer Open Pulse
- Open Cash Drawer
- Battery Standby Mode
- Hot PLU
- Tare After Item Add
- Dummy Zero for 2DP
- PLU Unit Price Update
- UGST Enable
- Disable Bill Edit
- Disable Zero Unit Price
- Print On Unstable Weight

Mapping Logical Device

- Printer
- Host
- Weight Data
- Scale
- KOT Printer
- Aux Keyboard
- Remote Display_KBD

Diagnostics

- Keyboard
- Display
- RS232 #1
- RS232 #2
- RS232 #3
- Ethernet
- Real Time Clock
- Cash Drawer
- Memory
- Setup SI-810RPR
- Setup SI-810LPR
- Print Self Test

Programming

- PLU By Number
- PLU By Name
- PLU By Code
- Group
- Department
- Tax
- Operator
- Preset Key
- Header
- Footer
- Discount
- Inventory
- Waiter
- Tare
- Barcode
- Ingredient
- Message
- Scroll Message
- PLU Skip
- Indent

Label Settings

- Date Format
- Time Format
- Weight (1kg) In Grams
- Print Intensity
- Label Copies
- Calibrate Label
- Enable Scroll
- Scroll Sequence
- Total Label Link
- Total Barcode Link
- PLU Recall Method
- Label Auto Print
- Total Label-LPR App
- Disable Label PeelOff
- Barcode Wt In Grams

Hardware Configuration

- Ethernet
- ADC Speed
- ADC Gain
- Disable KB S-ON
- USB Host

Top Level Menu

1. Scale
2. Communication
3. Reports
4. Settings
5. Programming
6. Mapping Logical Device
7. Hardware Configuration
8. Diagnostics
9. Label Settings

1. Scale

2. Communication

2.1. Ethernet

SI has to be restarted for the changes to be effected properly.

- 2.1.1. Connection Type: (Server/Client)
Used to select connection type of SI.
- 2.1.2. DHCP Enable: (Yes/No)
Used to enable Dynamic Host Configuration Protocol.
- 2.1.3. Ethernet MAC
Used to set Ethernet MAC address.
It should be 6 bytes hexadecimal value.
- 2.1.4. Local IP
Used to set local IP address.
Value should be entered in 4 groups; each group is of 3 characters (with leading zero). In a group, value should not be more than 255.
- 2.1.5. Subnet Mask
Used to set Subnet mask.
Value should be entered in 4 groups; each group is of 3 characters (with leading zero). In a group, value should not be more than 255.
- 2.1.6. Primary DNS
Used to set Primary DNS.
Value should be entered in 4 groups; each group is of 3 characters (with leading zero). In a group, value should not be more than 255.
- 2.1.7. Default Gateway
Used to set Gateway.
Value should be entered in 4 groups; each group is of 3 characters (with leading zero). In a group, value should not be more than 255.
- 2.1.8. Remote IP
Used to set the address of Remote IP.
Value should be entered in 4 groups; each group is of 3 characters (with leading zero). In a group, value should not be more than 255.
- 2.1.9. Local Host Name
Used to set the name of the local host. Maximum 15 characters are allowed.

2.1.10. Local TCP Port

Used to set local TCP Port number. Any value between 1 and 65535 can be entered.

2.1.11. Remote TCP Port

Used to set Remote TCP Port number. Any value between 1 and 65535 can be entered.

2.1.12. TCP Connection Timeout

Used to set the time required to disconnect TCP Connection. Any value between 30 and 65535 can be entered.

2.2. RS232 #1

2.2.1. Baudrate: any value between 100 and 115200.

2.2.2. Databits: (5,6,7,8)

2.2.3. Parity: (Odd/Even/None)

2.2.4. Stopbits: 1 or 2

2.2.5. Handshake: (None/Hardware)

2.3. RS232 #2

(Same as RS232 #1)

2.4. RS232 #3

(Same as RS232 #1)

2.5. RS232 #4

(Same as RS232 #1)

2.6. RS232 #5

(Same as RS232 #1)

2.7. Weight Data

The contents of weight data and mode of transfer are configured here. It will be sent through the corresponding mapped physical device if any.

2.7.1. Weight Output: (All weights/Net Only/Gross Only/Tare Only)

Used to select the type of the weight output.

2.7.2. Transfer Mode: (Stream/Manual/Command/Auto Transfer).

Used to select the type of transfer mode.

2.7.3. Weight Header: (No Header/Numeric Header/Alpha Header).

Used to select, the type of weight header.

2.7.4. Stable Weight Transfer: (Yes/No)

Used to select whether only stable weight has to be transferred or not.

2.7.5. Weight Data Length: (Variable Length/Fixed Length).

Used to select length of the weight data.

2.7.6. Stable Status Flag: (Yes/No)

Used to select whether stable status flag required or not.

2.7.7. Skip STX: (Yes/No)

Used to skip STX character.

2.7.8. One Touch Tare: (Yes/No).
Used to select whether One touch tare required or not from selected physical device.

2.7.9. Weight Unit: (Yes/No).
Used to select whether unit of weight has to be sent or not.

2.8. WiFi

The WiFi related settings can be configured here.

- 2.8.1. Terminal
It is used for Scan, Init, Status and Test WiFi interface.
- 2.8.2. SSID
The name of Access Point (AP) which is used to connect. Max 20 character is allowed.
- 2.8.3. Channel
The channel of SSID is set. It can range from 0 to 14. If zero is given, channel is selected automatically.
- 2.8.4. Security(Auto/Open/WEP/WPA-PSK/WPA2-PSK/WPA-EAP/WPA2-EAP/WPA2-AES+TKIP)
Security is selected from above options.
- 2.8.5. Password
Password for security options is set here. Maximum 15 characters allowed.
- 2.8.6. Username
User name for enterprise (EAP) level security is set here.
- 2.8.7. Hostname
Host name of WiFi interface can be set here. Maximum 15 characters allowed.
- 2.8.8. DHCP(No/Yes)
Getting IP from DHCP server controlled here.
- 2.8.9. Local IP
The Local IP of the WiFi interface set here.
- 2.8.10. Subnet Mask
Subnet Mask is set using this setting.
- 2.8.11. Default Gateway
Default Gateway for reaching external subnets.
- 2.8.12. Primary DNS
Primary DNS for resolving hostname to IP Address.
- 2.8.13. Local TCP Port
The Host connects to the local port. It can range from 2000 to 65535
- 2.8.14. WiFi On RS232 #3(No/Yes)
The WiFi interface is enabled through this option. It has higher priority over Modem On RS232 #3.
- 2.8.15. EAP Outer Auth(EAP-FAST/ EAP-TLS EAP-TTLS/ EAP-PEAP)
For enterprise(EAP) level security, outer authentication between machine and AP is selected.
- 2.8.16. EAP Inner Auth(EAP-MSCHAP/ EAP-GTC)
For enterprise(EAP) level security, inner authentication between AP and RADIUS sever is selected.
- 2.8.17. Idle Time Out
Machine disconnects and connects to specific Access Point when Idle Time set times out. It can range from 30 seconds to 300 seconds.
- 2.8.18. Connection Type(Server/Client)
Select the connection based on the requirement.
- 2.8.19. Server IP
The IPof the server is set here. This setting is used when connection type is client.
- 2.8.20. Server TCP Port
The port is of the server SI tries to connect when connection type is client. The value ranges from 1000 to 65535.

3. Reports

3.1. Clear Report

3.1.1. All Reports

It clears all reports including Total Label summary and old Total Labels. Also resets Label number. If Transaction memory is full, clear using this option.

4. Settings

4.1. Date Time D M Y H M S

Used to set Date and Time in the following format ddmmyyyhhmmss (24H format).

4.2. Key Buzzer: (Yes/No).

Used to select whether buzzer is required when a key is pressed.

4.3. ON/OFF Bypass: (Yes/No).

Used to select whether ON/OFF function is required.

4.4. Machine Name

Used to set Machine name. Maximum 25 characters are allowed.

4.5. Set Password

Used to set user password. Only 4 digit numeric number can be entered.

To clear user password, press Enter soft key without typing any characters.

4.6. Tax Enable

Used for applying taxes for an Item. Taxes will be applied only if this option is enabled.

Yes -> to enable Tax.

No -> to disable Tax

4.7. Inventory Enable

Used for verifying and updating stock during Total Labeling. Inventory has to be enabled to update stock of an item.

Yes -> to enable Inventory.

No -> to disable Price Override

4.8. Discount Enable

Used for applying item discount or subtotal discount during Total Labeling. Discounts will be applied only if this option is enabled.

Yes -> to enable discount.

No -> to disable discount

4.9. PLU Price Override Enable

This option has to be enabled if you want to change unit price of selected PLU during Total Labeling.

Yes -> to enable Price Override.

No -> to disable Price Override

4.10. PLU Tare Enable

Used for applying PLU tare whenever PLU is selected. PLU Tare will be applied only if this option is enabled.

Yes -> to enable PLU Tare.

No -> to disable PLU Tare

4.11. PLU Recall By

PLU can be recalled either by number or code.

"PLU Number" -> to recall PLU by Number.

“PLU Code” -> to recall PLU by code.

4.12. Enable Non-PLUs

Non-PLUs can be enabled or disabled.

Yes -> to enable non-PLU.

No -> to disable non-PLU

4.13. Hot PLU

Hot PLU is enabled or not.

Yes -> Hot PLU is enabled. In this recalling the PLU will add to the item list.

No -> Hot PLU is disabled

4.14. Tare After Item Add

Tare After Item Add enabled or not

Yes -> Tares automatically for weighing and non-weighing items.

No -> Tare is disabled

4.15. Dummy Zero for 2DP

Display with dummy zero at the end if weight decimal point is 2.

Yes -> display dummy zero

No -> do not add extra zero at the end.

4.16. PLU Unit Price Update

Current PLU unit price to be updated or not. For this work PLU Price Override to be yes.

Yes -> Currently selected unit price will get update on price change by Unit Price key.

No -> Retain the old value even if unit price overridden.

4.17. UGST Enable

Bill and Reports to print UGST or SGST for the tax

Yes -> **Print as “UGST”**

No -> **Print as “SGST”**

4.18. Disable Bill Edit

Bill edit soft key enable or disable

Yes -> Bill editing disabled

No -> Bill editing enabled

4.19. Disable Manual Wt

Enable/disable manual weight

Yes -> Manual weight disabled

No -> Manual enabled

4.20. Disable PLU Name Search

Controlling PLU name search

Yes -> PLU name search disabled

No -> PLU name search enabled

4.21. Disable Bill Edit

Bill edit soft key enable or disable

Yes -> Bill editing disabled

No -> Bill editing enabled

4.22. Disable Zero Unit Price

Zero unit price printing disable or not

Yes -> Zero Unit Price printing disabled

No -> Zero Unit Price printing enabled

4.23. Print On Unstable Weight

Label allowed on unstable weight also

Yes -> Label when weight unstable or stable

No -> Label when weight is stable only

5. Programming

5.1. PLU By Number

Lists PLUs by sorting PLUs in ascending order of Numbers. Any number between 1 and 9999 can be programmed. Max 5000 PLU's can be programmed.

5.2. PLU By Name

Lists PLUs by sorting PLUs in ascending order of Names.

5.3. PLU By Code

Lists PLUs by sorting PLUs in ascending order of Codes.

5.4. Group

Used for programming group. Maximum 999 groups can be programmed.

5.5. Department

Used for programming department. Maximum 99 departments can be programmed.

5.6. Tax

Used for programming tax. Maximum 9 taxes can be programmed.

5.7. Operator

Used for programming operators. Maximum 25 operators can be programmed.

5.8. Preset Key

Used for programming Preset keys for PLU and Function.

5.9. Header

Used for programming header. This information is common for all the reports.

5.10. Footer

Used for programming footer. This information is common for all the reports.

5.11. Discount

Used for programming discounts. Maximum 99 discounts can be programmed.

5.12. Inventory

Used for programming PLU inventory. Inventory for PLUs from 1 to 9997 can be programmed.

5.13. Tare

Used for programming Tares. Maximum 99 Tares can be programmed.

5.14. Barcode

Used for programming Barcodes. Maximum 99 Barcodes can be programmed.

5.15. Ingredient

Used for programming Ingredients. Maximum 9999 Ingredients can be programmed.

5.16. Message

Used for programming Messages. Maximum 999 Messages can be programmed.

5.17. Scroll Message

Used for programming Scroll Messages. Maximum 9 Scroll Messages can be programmed.

5.18. PLU Skip

Used for programming PLU Skip.

5.19. Indent

Used for programming today's Indent.

6. Mapping Logical Device

7. Hardware Configuration

8. Diagnostic

9. Label Settings

9.1. Date Format(DD-MM-YY / DD-MM-YYYY / MM-DD-YY/MM-DD-YYYY)

Used to select the date format printing in label

9.2. Time Format (HH:MM / HH:MM:SS)

Used to select the time format printing in label.

9.3. Weight(1kg) In Grams(No/Yes)

Used to select net weight printing in gram or not upto 1kg.

9.4. Print Intensity

Used to set label printing intensity from 80% to 140%. Switch off Machine and On after changing the value to take effect.

9.5. Label Copies

Used to set label copies.

9.6. Calibrate Label

For calibrating new label roles in printer.

9.7. Enable Scroll (No/Yes)

Used to set enable scrolling.

9.8. Scroll Sequence

Used to set the scroll no programming in order.

9.9. Total Label Link

For setting the Total Label design link

9.10. Total Barcode Link

Barcode used in Total Label Link

9.11. PLU Recall Method (Manual/Intelligent)

Used for selecting PLU selection key sequence

9.12. Label Auto Print (No/Yes)

Auto print in Manual mode and if Label Auto Print is Yes, Minimum Weight will be set to 5d automatically.

9.13. Total Label-LPR App (No/Yes)

If set Yes, if network is down or LPR App Link is not running or not in receive bill mode, then "Total Label-LPR App Down" indication will be blinking. In this condition, Total Label and Item label will be printed. If interaction is GOOD, then only Total Label will be printed and no indication will be given.

If set No, Item label and total label will be printed as per selection and "Total Label-LPR App Down" Indication will not be shown at all.

9.14. Disable Label PeelOff (No/Yes)

It is used to disable Label peel off function in label printer. We can print another label without taking last printed label if "Disable Label PeelOff" is Yes. This function will work only for Manual Mode. For Prepack Mode, this setting must be set to 'No'. Switch off Machine and On after changing the value to take effect.

9.15. Barcode Wt In Grams (No/Yes)

It is used to print weight with decimal point. The Barcode type should be code128.

IX. PROGRAMMING

- Press Save soft key anytime to save current data
- Press ESC key anytime to exit without saving.
- Use Up and Down soft keys to browse through current page.
- Use >> soft key to change soft key pages.
- Records can be searched by entering corresponding record number.

Example: consider group programming

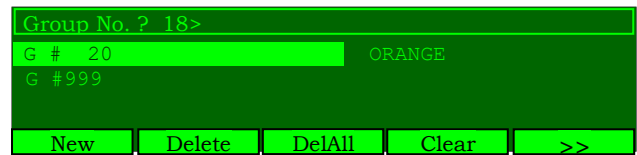
To search a group, enter group number. If entered group number is present then corresponding group will get highlighted. If it is not present then the nearest group will get highlighted. Once the required group is selected, we can either edit or delete that record. (This is possible in case of PLU, Group, Department, Tax, Operator, and Discount programming.)

Ex: suppose group number 1, 2, 16, 17, 20, 999 are present

If 2 is entered, since group #2 is present, group #2 will be highlighted.



If 18 is entered, since group #18 is not present, the next higher number i.e. group #20 will be highlighted.



- Programmed Records cannot be edited or deleted if corresponding sales is present. "Clear Sales Reports" message will be displayed momentarily when Save soft key in Edit or Delete or DelAll soft key is pressed. (This occurs in case of PLU, Group, Department, and Operator programming.)

1. Group Programming

1.1. Group Record

Each group contains following details

1. Group Number: Any number between 001 and 999.
2. Group Name: Maximum 15 characters.
3. Department Link Number: Value <= 99. Only departments which are already programmed can be assigned.
4. Tax Link Number: value <= 9. Only available taxes can be assigned.
5. Discount Link Number: value <= 99. Only available discounts can be assigned.

Maximum number of groups is 999.

Groups not linked to any department are assigned to department 99.

By default group no 999 will be programmed automatically.

Default group contains following details

| | |
|------------------------|-----------|
| Group Number | 999 |
| Group Name | Group 999 |
| Department Link Number | 99 |
| Tax Link Number | 0 |
| Discount Link Number | 0 |

1.2. New/Edit Group

```

Group No. ? >
G # 1      Group 1
G # 2
G #999

Edit      Back      Down      Up      >>
    
```

When 'Menu> programming > Group' is selected, display will show existing groups in ascending order of group Number.

For editing existing group, select group from the list using Up and Down soft key or enter group number and then Press Edit soft key.

```

Group No. ? >
G # 1      Group 1
G # 2
G #999

New      Delete      DelAll      Clear      >>
    
```

For programming new group, first press >> soft key, following screen will be displayed. Now press New soft key.

```

Group : 1
Group Number      1
Group Name
Department Link Number
Tax Link Number
Discount link Number

Select      Back      Down      Up      Save
    
```

Once New/Edit is selected, group items will be displayed.

Using Up and Down soft key browse through group items.

For editing group item, press Select soft key.

```

Group : 1
Group Number
Group Name      Group 1
Department Link Number
Tax Link Number
Discount link Number

Enter      Back      Change      Clear
    
```

Ex. To change group Name
Press Down soft key, Group Name will be highlighted. Now press Select soft key.
Following screen will be displayed.

Clear old name using Clear soft key and then enter new name.
Press Enter soft key to save new name.

Similarly other group items can be edited.

After editing group items if you want to retain old value then press Back soft key.

```

Group : 1      Save and Exit?
Group Number
Group Name      APPLE
Department Link Number
Tax Link Number
Discount link Number

No      Yes
    
```

When Back soft key is pressed "**Save and Exit?**" message will be displayed. Press Yes soft key if you want to save changes. Press No soft key if you don't want to save changes.

After editing group items, press Save soft key. If you don't save, the changes will not be updated.

```

Group : 1      Group Exist! Overwrite?
Group Number
Group Name      APPLE
Department Link Number
Tax Link Number
Discount link Number

No      Yes
    
```

When Save soft key is pressed if any changes were done to group then "**Group Exist! Overwrite?**" message will be displayed. Press Yes soft key if you want to save changes. Press No soft key if you don't want to save changes

1.3. Delete Group

Select the Group record to be deleted using Up and Down soft keys or directly enter Group No. Press Delete soft key to delete selected Group record.

Once Delete soft key is pressed, "**Delete Group?**" message will be displayed.
Press YES soft key to delete selected Group.
Press No soft key to cancel deleting of a Group record.

```

Group No. ? >
G # 1      APPLE
G # 2
G #999

New      Delete      DelAll      Clear      >>
    
```

```

Group No. ? >      Delete Group ?
G # 1      APPLE
G # 2
G #999

No      Yes
    
```



Default group i.e. group no. 999 or any group having sales cannot be deleted.

1.4. Delete all Groups

Press DelAll soft key to delete all Groups.

Once DelAll soft key is pressed, **“Delete ALL Group?”** message will be displayed. Press YES soft key to delete Groups. Press No soft key to cancel deleting of a Groups.



Delete all group will not work if any group is having sales.

2. Department Programming

2.1. Department Record

Each department contains following details

1. Department Number: any number between 01 and 99.
2. Department Name: Maximum 15 characters.
3. Tax Link Number: value <= 9. Only available taxes can be assigned.
4. Discount Link Number: <= 99. Only available discounts can be assigned.

Maximum number of Department is 99.

By default department no 99 will be programmed automatically.

Default department contains following details

| | |
|----------------------|---------------|
| Department Number | 99 |
| Department Name | Department 99 |
| Tax Link Number | 0 |
| Discount link Number | 0 |

2.2. New/Edit Department



When 'Menu> programming > Department' is selected, display will show existing departments in ascending order of department Number.

For editing existing department, select department from the list using Up and Down soft key or enter department number and then Press Edit soft key.



For programming new department, first press >> soft key, following screen will be displayed. Now press New soft key.



Once New/Edit is selected, department items will be displayed.

Using Up and down soft key browse through department items.

For editing department item, press Select soft key.

| |
|------------------------------|
| Department : 1 |
| Department Number |
| Department Name Department 1 |
| Tax Link Number |
| Discount link Number |
| Enter Back Change Clear |

Clear old name using Clear soft key and then enter new name.
Press Enter soft key to save new name.

Similarly other department items can be edited.
After editing department items if you want to retain old value then press Back soft key.

| |
|-------------------------------|
| Department : 1 Save and Exit? |
| Department Number |
| Department Name FRUITS |
| Tax Link Number |
| Discount link Number |
| No Yes |

After editing department items, press Save soft key. If you don't save, the changes will not be updated.

| |
|--|
| Group : 1 Department Exist! Overwrite? |
| Department Number |
| Department Name FRUITS |
| Tax Link Number |
| Discount link Number |
| No Yes |

Ex. To change department Name
Press Down soft key, department Name will be highlighted. Now press Select soft key.
Following screen will be displayed.

When Back soft key is pressed **"Save and Exit?"** message will be displayed. Press Yes soft key if you want to save changes. Press No soft key if you don't want to save changes.

When Save soft key is pressed if any changes were done to department then **"Department Exist! Overwrite?"** message will be displayed. Press Yes soft key if you want to save changes. Press No soft key if you don't want to save changes

2.3. Delete Department

Select the Department record to be deleted using Up and Down soft keys or directly enter Department No.
Press Delete soft key to delete selected Department record.

| |
|----------------------------|
| Department No. ? > |
| D # 1 FRUITS |
| D # 2 |
| D #99 |
| New Delete DelAll Clear >> |

Once Delete soft key is pressed, **"Delete Department ?"** message will be displayed.
Press YES soft key to delete selected Department.
Press No soft key to cancel deleting of a Department record.

| |
|--|
| Department No. ? > Delete Department ? |
| D # 1 FRUITS |
| D # 2 |
| D #99 |
| No Yes |



Default Department i.e. Department no. 99 or any department having sales cannot be deleted.

2.4. Delete all Department

Press DelAll soft key to delete all Departments.

Once DelAll soft key is pressed, **"Delete ALL Department?"** message will be displayed.
Press YES soft key to delete Department.
Press No soft key to cancel deleting of a Department.

| |
|--|
| Department No. ? > Delete ALL Department ? |
| D # 1 FRUITS |
| D # 2 |
| D #99 |
| No Yes |



Delete all Department will not work if any Department is having sales.

3. Tax Programming

3.1. Tax Record

Each Tax contains following details

1. Tax Number: Any number between 1 and 9.
2. Tax Name: Maximum 15 characters.
3. Tax Type: Inclusive or Exclusive.
 Inclusive: Tax is included in total price
 Exclusive: Tax is added to total price.
4. Tax Rate: value in %. 0 >= value <= 100.

Maximum number of Tax is 9.

3.2. New/Edit Tax

When 'Menu> programming > Tax' is selected, display will show existing Taxes in ascending order of tax Number.

For editing existing tax, select tax from the list using Up and Down soft key or enter tax number and then Press Edit soft key.

For programming new tax, first press >> soft key, following screen will be displayed. Now press New soft key.

Once New/Edit is selected, tax items will be displayed.

Using Up and down soft key browse through tax items.

For editing tax item, press Select soft key.

Ex. To change tax Name
 Press Down soft key, tax Name will be highlighted.
 Now press Select soft key.
 Following screen will be displayed.

Suppose if tax item is an entry type then, clear old name using Clear soft key and then enter new name. Press Enter soft key to save new name.

Suppose if tax item is selectable type then, Select the required option by pressing change soft key and then Press Enter soft key to save the value. Similarly other tax items can be edited.

After editing tax items if you want to retain old value then press Back soft key.

When Back soft key is pressed, "Save and Exit?" message will be displayed. Press Yes soft key if you want to save changes. Press No soft key if you don't want to save changes.

After editing tax items, press Save soft key. If you don't save, the changes will not be updated.

| | |
|------------|-----------------------|
| Tax : 1 | Tax Exist! Overwrite? |
| Tax Number | |
| Tax Name | Vat |
| Tax Type | |
| Tax Rate | |
| No Yes | |



When no Taxes are programmed then **“NO TAXES! ADD NEW”** message will be displayed as shown below.

When Save soft key is pressed if any changes were done to tax then **“Tax Exist! Overwrite?”** message will be displayed. Press Yes soft key if you want to save changes. Press No soft key if you don't want to save changes

| |
|--------------------------|
| Tax No. ? > |
| NO TAXES! ADD NEW |
| Edit Back Down Up >> |

3.3. Delete Tax

Select the Tax record to be deleted using Up and Down soft keys or directly enter Tax No. Press Delete soft key to delete selected Tax record.

Once Delete soft key is pressed, **“Delete Tax?”** message will be displayed. Press YES soft key to delete selected Tax. Press No soft key to cancel deleting of a Tax record.



Tax cannot be deleted if sales tax is present.

| |
|----------------------------|
| TAX No. ? > |
| T # 1 Tax 1 |
| T # 2 |
| New Delete DelAll Clear >> |

| |
|--------------------------|
| TAX No. ? > Delete Tax ? |
| T # 1 Tax 1 |
| T # 2 |
| No Yes |

3.4. Delete All Taxes

Press DelAll soft key to delete all Tax. Once DelAll soft key is pressed, **“Delete ALL Taxes?”** message will be displayed. Press YES soft key to delete Tax. Press No soft key to cancel deleting of a Tax.



Delete all Taxes will not work if any tax sales is present.

| |
|--------------------------------|
| TAX No. ? > Delete ALL Taxes ? |
| T # 1 Tax 1 |
| T # 2 |
| No Yes |

4. Operator Programming

4.1. Operator Record

Each operator contains following details

1. Operator Number: Any number between 1 and 29
2. Operator Name: Maximum 15 characters.
3. Operator Password: Maximum 4 characters numeric.

Maximum number of operator is 99.
By default operator no 99 will be programmed automatically.
Maximum 4 operators can be active at a time.

Default operator contains following details

| | |
|-------------------|-------------|
| Operator Number | 99 |
| Operator Name | Operator 99 |
| Operator password | 0 |

4.2. New/Edit Operator

Operator No. ? >
 O # 1 Operator 1
 O # 25
 Edit Back Down Up >>

When 'Menu> programming > Operator' is selected, display will show existing operators in ascending order of operator Number.

For editing existing operator, select operator from the list using Up and Down soft key or enter operator number and then Press Edit soft key.

Operator No. ? >
 O # 1 Operator 1
 O # 25
 New Delete DelAll Clear >>

For programming new operator, first press >> soft key, following screen will be displayed. Now press New soft key.

Operator : 1
 Operator Number 1
 Operator Name
 Operator Password
 Select Back Down Up Save

Once New/Edit is selected, operator items will be displayed.

Using Up and down soft key browse through operator items.

Operator : 1
 Operator Number
 Operator Name Clerk
 Operator Password
 Enter Back Change Clear

For editing operator item, press Select soft key.

Ex. To change operator Name

Press Down soft key, operator Name will be highlighted. Now press Select soft key. Following screen will be displayed.

Clear old name using Clear soft key and then enter new name.

Press Enter soft key to save new name.

Similarly other operator items can be edited.

After editing operator items if you want to retain old value then press Back soft key.

Operator : 1 Save and Exit?
 Operator Number
 Operator Name Clerk
 Operator Password
 No Yes

When Back soft key is pressed, "Save and Exit?" message will be displayed. Press Yes soft key if you want to save changes. Press No soft key if you don't want to save changes.

After editing operator items, press Save soft key. If you don't save, the changes will not be updated.

Operator : 1 Operator Exist! Overwrite?
 Operator Number
 Operator Name Clerk
 Operator Password
 No Yes

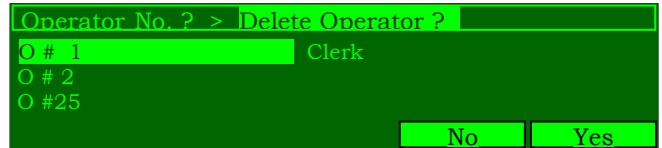
When Save soft key is pressed if any changes were done to the operator then "Operator Exist! Overwrite?" message will be displayed. Press Yes soft key if you want to save changes. Press No soft key if you don't want to save changes

4.3. Delete Operator

Select the Operator record to be deleted using Up and Down soft keys or directly enter Operator No. Press Delete soft key to delete selected Operator record.

Operator No. ? >
 O # 1 Clerk
 O # 2
 O #25
 New Delete DelAll Clear >>

Once Delete soft key is pressed, **“Delete Operator?”** message will be displayed. Press YES soft key to delete selected Operator. Press No soft key to cancel deleting of an Operator record.



Default Operator i.e. Operator no. 25 or any operator having sales cannot be deleted.

4.4. Delete All Operators

Press DelAll soft key to delete all Operator. Once DelAll soft key is pressed, **“Delete ALL Operators?”** message will be displayed.. Press YES soft key to delete Operators. Press No soft key to cancel deleting of Operators.



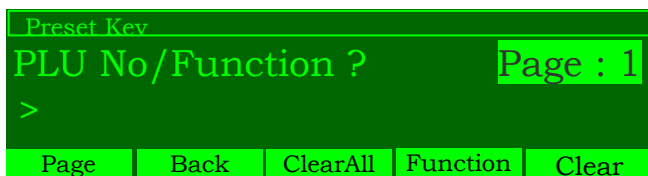
Delete All Operators will not work if any operator sales is present.

5. Preset Key Programming

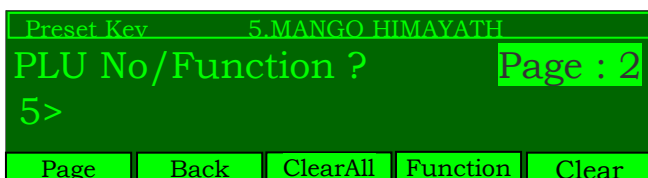
Programming the most frequently used PLU and function keys is carried out by this menu. There are 30 preset keys (P1 to P30). Each preset key has 3 pages and each page can be assigned a PLU number or a function. Therefore user can assign maximum of 90 PLU/FUNCTION. Also the following function can be assigned to these preset keys.

- 1.Operator, 2. SuspendRestore, 3. Cash,4. Voucher, 5. CreditCard,6. Cheque,7. ItemDiscount,8. SubtotalDiscount,9. ReceiveOnAccount, 10.PaidOut,11. TotalSales, 12.OpenCashDrawer, 13.KOT
- 14.BillKOT, 15. Bill Cancel, 16. Refund, 17. DigitalTare, 18. OperatorSelect, 19. BillText, 20.LogInOut,
- 21.LabelOrReceipt, 22.ManualOrPrepack, 23.SpecialPrice, 24.Fix, 25.ChangePrice, 26.Indent,
- 27.Inventory, 28.PLUSales, 29. LabelCopies

Programming PLU into Preset Keys



- Enter PLU Number.
- Press Page soft key to select Page number. Right side of display shows selected page number.
- Now press PLU preset key. **“Stored”** message shown momentarily.

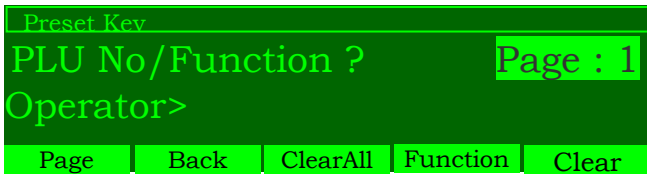


Ex. To assign PLU no 5 to page 2 of Preset key P20. Enter 5, press page key to select page 2. Then press P20.



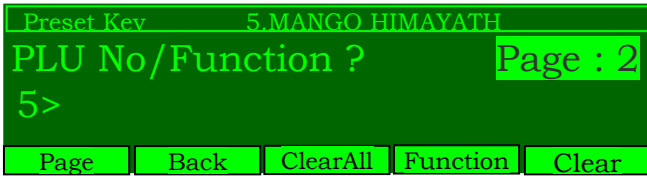
PLU number ranges from 1-9999. We can enter 0 and press preset key to clear the function and PLU. The display will show **“Cleared”** message momentarily.

Programming FUNCTION into Preset Keys



➤ Press Function soft key repeatedly until desired function is displayed.

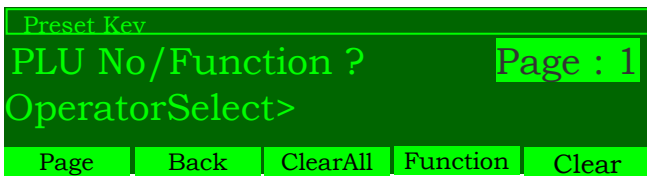
➤ Press Page soft key to select Page number. Right side of display shows selected page number. It is recommended to store the function in PAGE 1.



➤ Now press preset key where the function is to be stored. **“Stored”** message shown momentarily.

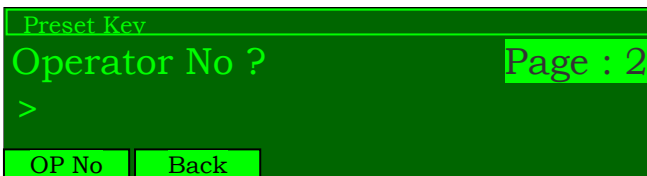
Ex. To assign PLU no 5 to page 2 of Preset key P20. Enter 5, press page key to select page 2. Then press P20.

Programming Operator ID into Preset Keys



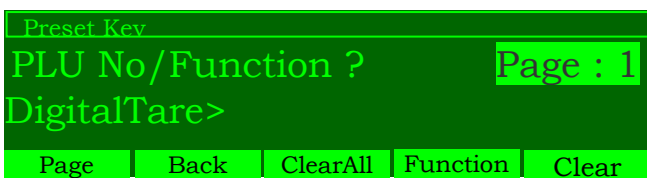
➤ Press Function soft key repeatedly until OperatorSelect is displayed.

➤ Press Page soft key to select Page number. Right side of display shows selected page number. It is recommended to store the function in PAGE 1.



➤ Now press preset key where the function is to be stored. Now display prompts for Operator no. Enter operator number and press OP No soft key. The **“Stored”** message shown momentarily. The operator No range is from 1 to 99.

Programming Tare into Preset Keys



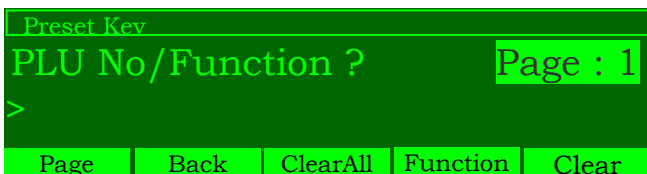
➤ Press Function soft key repeatedly until DigitalTare is displayed.

➤ Press Page soft key to select Page number. Right side of display shows selected page number. It is recommended to store the function in PAGE 1.



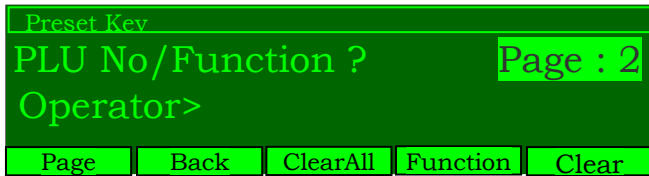
➤ Now press preset key where the function is to be stored. Now display prompts for Tare no. Enter Tare number and press Tare No soft key. The **“Stored”** message shown momentarily. The Tare No range is from 1 to 99.

Checking PLU or Function in Preset Keys



➤ Press Page soft key to select Page number. Right side of display shows selected page number.

➤ Press Clear soft key until key entry line is blank.



➤ Now press preset key that is to be checked. If preset key is having a PLU or Function in that page, then PLU number or Function name is shown momentarily. Otherwise it will show “No PLU” message.

Clearing All programmed PLU and Function in Preset Keys

All programmed preset keys can be cleared by just pressing ClearAll soft key.



When ClearAll soft key is pressed, “Delete All PLU Preset Key?” message will be displayed as shown.

Press Yes soft key to clear all preset key.
Press No soft key to cancel Clear.

Accessing programmed PLU/FUNCTION Preset Keys

In application mode, to recall a PLU, press corresponding programmed preset key.
To access page 1 PLU, press preset key once. To access page 2 PLU, press preset key twice immediately. To access page 3 PLU, press preset key thrice immediately.

Ex. To access PLU No 5, press P20 twice.

6. Header Programming

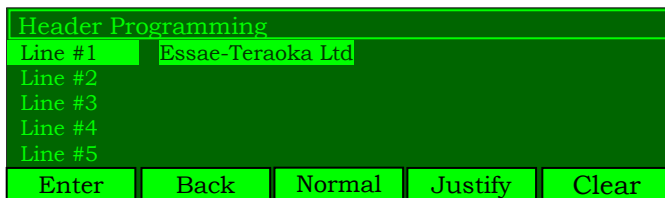
This is used to program header. This information is common for all the reports.
Maximum 5 lines can be programmed.

Following is applicable for each line:

- Align left, center or right.
- Font style either normal or bold.
- Maximum 32 characters if font style is normal and only 16 characters if font style is bold.



To program Header



- Select the line to be programmed.
- Enter footer data.
- To select font style either bold or normal press soft key 3. Soft key 3's name indicated current selected font style.
- To select alignment press Justify soft key.



1. By default Header will be “ESSAE-TERAOKA”, bold and center aligned.
2. If only last line is programmed then all the above lines will be printed as blank lines.
3. If we want a few empty lines at the end in the header then program those lines with one space.

E.g. If you want header in the following way i.e. after Bangalore there are two empty lines.



Then program line #1 with "ESSAE-TERAOKA", line #2 with "BANGALORE". Since two empty lines are required after "BANGALORE", program line #3 and #4 with space.

7. Footer Programming

This is used to program footer. This information is common for all the reports.

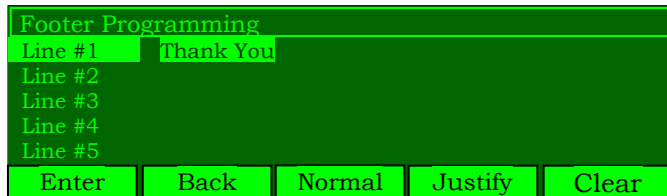
Maximum 5 lines can be programmed.

Following is applicable for each line:

- Align left, center or right.
- Font style either normal or bold.
- Maximum 32 characters can be programmed. Only 16 characters can be programmed if font style is bold.



To program Footer



- Select the line to be programmed.
- Enter footer data.
- To select font style either bold or normal, press soft key 3. Soft key 3's name indicates current selected font style.
- To select alignment press Justify soft key.



1. By default Footer will be "Thank You", Normal and left aligned.
2. If only last line is programmed then all the above lines will be printed as blank lines.
3. If we want a few empty lines at the end in the footer then program those lines with one space.

E.g. If you want footer in the following way i.e. after "Thank You" there are two empty lines.



Then program line #1 with "Thank You". Since two empty lines are required after "Thank You", program line #2 and #3 with space.

8. Discount Programming

8.1. Discount Record

Each discount contains following details

1. Discount Number: Any number between 1 and 99
2. Discount Name: Maximum 15 characters.
3. Discount Type: Total Price / % Unit Price.
4. First Target: Set the first limit for discount
5. First Discount: Set first discount amount based on discount type.
6. Second Target: Set the first limit for discount
7. Second Discount: Set second discount amount based on discount type.
8. Days(SMTWTES): (Set day of week 1-Discount, 0-No Discount)
9. Discount Begin: ddmmyyyyhhmmss
10. Discount End: ddmmyyyyhhmmss

Maximum number of discounts is 99.

Discount Type

Total Price discount:

- Set discount amount on Total price of an item.

% Unit Price discount

- Weighing PLU: Set discount % of unit price, depending on weight.
- Non-Weighing PLU: Set discount % of unit price, depending on number of items.

Discount value

Target's unit is different depending on the PLU type. If discount is applied to weighing PLU then target's unit is weight. If discount is applied to non-weighing PLU then target's unit is PCS.

First Target

Set the first limit for discount

- To apply this discount for weighing PLU, set limit in terms of weight.
- To apply this discount for non-weighing PLU, set limit in terms of quantity

First Discount

Set discount amount based on discount type.

Second Target

- To apply this discount for weighing PLU, set limit in terms of weight.
- To apply this discount for non-weighing PLU, set limit in terms of quantity

Second Discount

Set discount amount based on discount type.

- Date and time should be entered without any space.
Ex. For 18-09-2009 10:45:32, enter 18092009104532.
- Days (SMTWTFS): enter 1 for the days you want to give discounts. For example, if you want to give discounts on Tuesday and Friday then enter Days as 0010010.



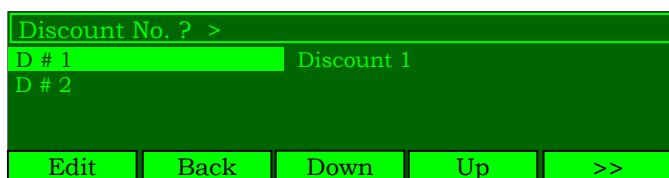
During Total Labeling discounts will be applied only if option in 'Menu> Settings> Discount Enable' is set as 'Yes'.

For Subtotal discount, only discount type and first discount is considered.

For Item discount:

1. Either first discount or second discount should be a non-zero value.
2. If second discount > 0 then Item wt/qty should be > Second Target otherwise first discount is checked. If first discount > 0 then Item wt/qty should be > first Target.
3. Once above condition is satisfied then date and time will be checked.
 - If either discount begin or end is zero then discount will be applied without checking date and time.
 - If discount begin and end is non-zero then ,
Discount begin < Current date and time < Discount End.
 - Then day of the week will be checked. If all days are zero then discount will not be applied.

8.2. New/Edit Discount

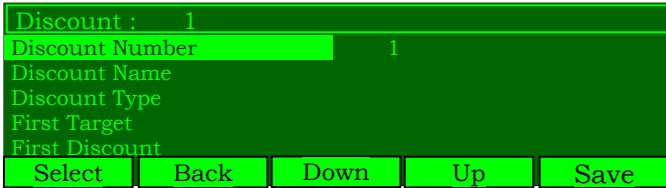


When 'Menu> programming > Discount' is selected, display will show existing discounts in ascending order of discount Number.



For editing existing discount, select discount from the list using Up and Down soft key or enter discount number and then Press Edit soft key.

For programming new discount, first press >> soft key, following screen will be displayed. Now press New soft key.



Once New/Edit is selected, discount items will be displayed. Using Up and down soft key browse through discount items.



For editing discount item, press Select soft key.

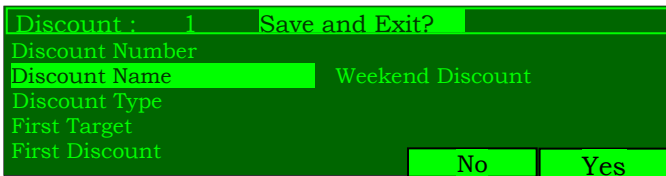
Ex. To change discount Name
Press Down soft key, discount Name will be highlighted. Now press Select soft key.
Following screen will be displayed.

Suppose if discount item is an entry type then, clear old name using Clear soft key and then enter new name. Press Enter soft key to save new name.

Suppose if discount item is selectable type then, Select the required option by pressing change soft key and then Press Enter soft key to save the value.

Similarly other discounts items can be edited.

After editing discount items if you want to retain old value then press Back soft key.



When Back soft key is pressed, **“Save and Exit?”** message will be displayed. Press Yes soft key if you want to save changes. Press No soft key if you don't want to save changes.

After editing discount items, press Save soft key. If you don't save, the changes will not be updated.



When Save soft key is pressed if any changes were done to discount then **“Discount Exist! Overwrite?”** message will be displayed.

Press Yes soft key if you want to save changes. Press No soft key if you don't want to save changes



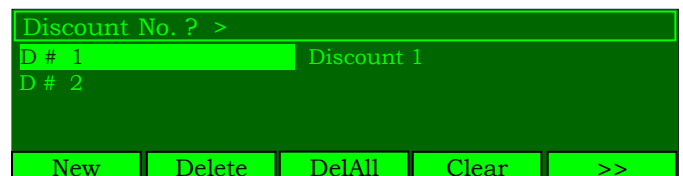
When no discounts are programmed then **“NO DISCOUNTS! ADD NEW”** message will be displayed as shown below.



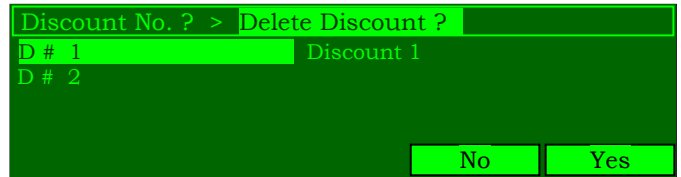
8.3. Delete Discount

Select the discount record to be deleted using Up and Down soft keys or directly enter discount No.

Press Delete soft key to delete selected discount record.

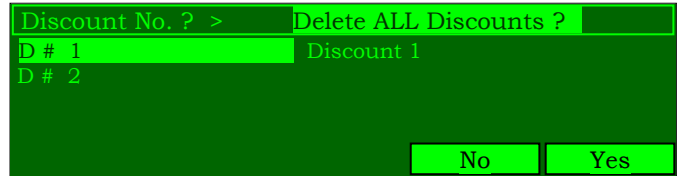


Once Delete soft key is pressed, **“Delete Discount?”** message will be displayed. Press YES soft key to delete selected discount. Press No soft key to cancel deleting of a discount record.



8.4. Delete All Discounts

Press DelAll soft key to delete all Discounts. Once DelAll soft key is pressed, **“Delete ALL Discounts?”** message will be displayed. Press YES soft key to delete discounts. Press No soft key to cancel deleting of a discounts.



9. Inventory Programming

Stock and Inventory of each PLU can be programmed. To update stock during transaction, PLU Inventory has to be enabled. To enable inventory set *'Menu> Settings> Inventory Enable'* as *'Yes'*.



To Program inventory:

- Enter PLU Number and press PLU key. Selected PLU's stock and reorder along with unit will be displayed.
- Only programmed PLUs can be entered. Otherwise "invalid" message will be displayed.
- To update stock:
 - For Non-weighing PLUs, enter new stock value and then press Stock soft key. Entered stock value will be added to existing PLU stock.

Eg: Suppose 100 PCS of stock is already available and

- 10 PCS of new stock is arrived then, just enter 10 and press Stock soft key. This 10 PCS will be added to the available stock. So stock will be 110.
- If you want to remove 25 PCS of stock from available 100 PCS of stock then, just enter -25 and press Stock soft key. 25 will be subtracted from available stock. So stock will be 75 PCS.

- For weighing PLUs, if you want to enter weight manually then enter new stock value and then press Stock soft key. Entered stock value will be added to existing PLU stock.

Eg: Suppose 200.000 Kg of stock is already available and

- 20.500 Kg of new stock is arrived then, just enter 20.500 and press Stock soft key. This 20.500 Kg will be added to the available stock. So stock will be 220.500.
- If you want to remove 50 Kg of stock from available 200.000 Kg of stock then, just enter -50 and press Stock soft key. 50 will be subtracted from available stock. So stock will be 150.000 Kg.

- For weighing PLUs, if you want to update stock by weighing then, check if weight is displayed at the bottom. If weight is not displayed then press clear soft key to clear any entered key. Once the weight is displayed, Keep arrived stock on the platter and press stock soft key.
 - Stock will be updated only if weight is greater than min limit weight.
 - If previously updated item is still on the platform then "Remove Item" message will be displayed.
 -



- To update Reorder level, just enter reorder value and press Reorder soft key.
- To print today's Inventory Received Report press STAR key.

Notes:

1. Only current day Inventory Received Report can be printed
2. Application software can receive last 10 days Inventory Received Report if not read.



11. Tare Programming

11.1. Tare Record

Each Tare contains following details

1. Tare Number: Any number between 1 and 99
2. Tare Name: Maximum 15 characters.
3. Tare Value: Maximum Capacity of scale

Maximum number of Tare is 99.

11.2. New/Edit Tare

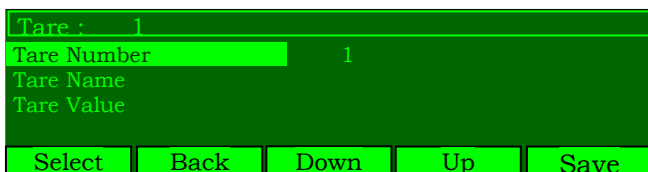


When 'Menu > programming > Tare' is selected, display will show existing tares in ascending order of Tare Number.

For editing existing tare, select tare from the list using Up and Down soft key or enter tare number and then Press Edit soft key.



For programming new tare, first press >> soft key, following screen will be displayed. Now press New soft key.



Once New/Edit is selected, tare items will be displayed.

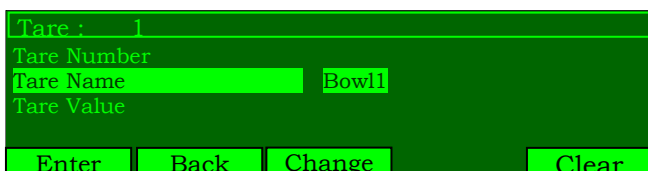
Using Up and down soft key browse through tare items. For editing tare item, press Select soft key.

Ex. To change tare Name

Press Down soft key, tare Name will be highlighted.

Now press Select soft key.

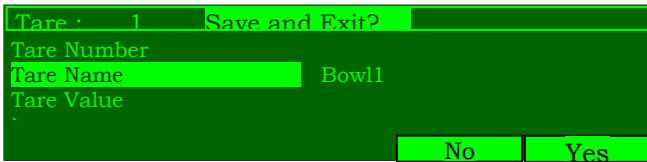
Following screen will be displayed.



Clear old name using Clear soft key and then enter new name.

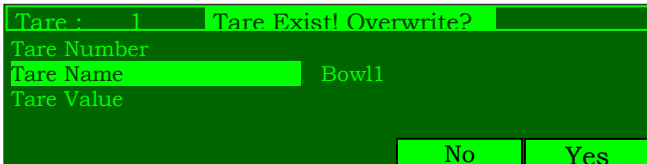
Press Enter soft key to save new name.

Similarly other tare items can be edited.
 After editing tare items if you want to retain old value then press Back soft key.



When Back soft key is pressed, **“Save and Exit?”** message will be displayed. Press Yes soft key if you want to save changes. Press No soft key if you don’t want to save changes.

After editing tare items, press Save soft key. If you don’t save, the changes will not be updated.



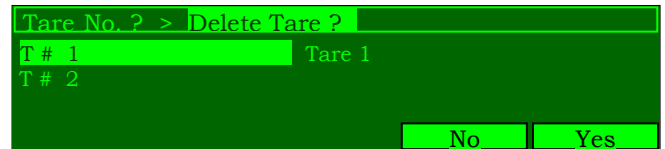
When Save soft key is pressed if any changes were done to the tare then **“Tare Exist! Overwrite?”** message will be displayed. Press Yes soft key if you want to save changes. Press No soft key if you don’t want to save changes

11.3. Delete Tare

Select the Tare record to be deleted using Up and Down soft keys or directly enter Tare No. Press Delete soft key to delete selected Tare record.



Once Delete soft key is pressed, **“Delete Tare?”** message will be displayed. Press YES soft key to delete selected Tare. Press No soft key to cancel deleting of an Tare record.



11.4. Delete All Tares

Press DelAll soft key to delete all Tares.
 Once DelAll soft key is pressed, **“Delete ALL Tares?”** message will be displayed..
 Press YES soft key to delete Tares.
 Press No soft key to cancel deleting of tare.



12. Barcode Programming

12.1. Barcode Record

Each barcode contains following details

1. Barcode Number: Any number between 1 and 99
2. Barcode Name: Maximum 15 characters.
3. Barcode Type: EAN13/CODE128/CODE128A/CODE128B/CODE128C.
4. Barcode Data: Barcode data fields separated by space. Maximum 30 characters
5. Barcode Fld #1: Currently selected barcode data field
6. Fld #1 Condition: No/Any/Weight/Quantity
7. Fld #1 Shift: L1/L2/L3/L4/L5/R1/R2/R3/R4/R5
8. Barcode Fld #2: Currently selected barcode data field
9. Fld #2 Condition: No/Any/Weight/Quantity
10. Fld #2 Shift: L1/L2/L3/L4/L5/R1/R2/R3/R4/R5

Maximum number of barcodes is 99.

Default Barcode 99 automatically generated with following data

1. Barcode Number: 99
2. Barcode Name: Default 99.
3. BarcodeType: EAN13
4. Barcode Data: 6C 6X
5. Barcode Fld #1: 6C
6. Fld #1 Condition: No
7. Fld #1 Shift: L1
8. Barcode Fld #2: 6C
9. Fld #2 Condition: No
10. Fld #2 Shift: L1

BARCODE DATA VARIABLES:

A- TOTAL_AMOUNT
B – BILL NO
b – Today Bill no
C- PLU CODE
D- DEPARTMENT NO
E –TOTAL_WEIGHT
F – FLAG
G – GROUP NO
H – TOTAL_QUANTITY
I – TOTAL_TAX
J – TOTAL_DISCOUNT
K- CURRENT DATE
k – Label date
L – PLU NO
M - UOM
N - NO OF ITEMS
n - Machine No
O – OPERATOR NO
P – TOTAL PRICE
Q – QUANTITY ONLY (if weigh 0)
R – DISCOUNT NO
S – Special CHECKSUM 5 digit unit price
s – Special checksum 4 digit unit price
T – TAX NO
t- Bill Text
U – UNIT PRICE
V - Special Checksum 5 digit weight or quantity
v – Special Checksum 4 digit weight or quantity
W –WEIGHT ONLY (if non-weigh 0)
w – Tare weight
X –WEIGHT OR QUANTITY
x – Gross weight or Quantity
Y - CURRENT TIME
y - Label time
Z – MACHINE Name
z – Tare Link no
% - PRINT NEXT string”
%`-Print next Control Character(0 to 255).
Width should be one character. For Tab use **1%`9**
{ - Packed Date

- / - Sell by Date
- } - Use by Date
- [- Packed Time
- \ - Sell by Time
-] - Use by Time
- *- PLU code and Wt or Qty. Ex 6*5 means 6char PLU code and 5 digit Wt or Qty

The number before the data variables specifies the no of characters. It can range from 1 to 99.

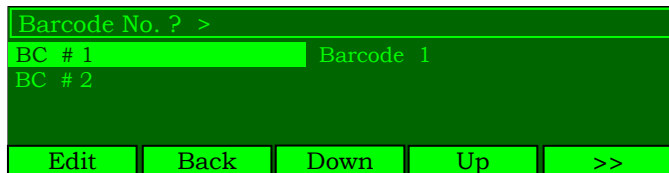
EXAMPLES

| | |
|------------------|------------------------|
| 2%74 6C 5X | - More Mega Mart |
| 2F 13C 5U 5X 1%1 | - Reliance Retail Ltd |
| 3F 13C 5W 1%1 | - Reliance Retail Ltd1 |
| 2%28 4C 1V 5X | - Metro |
| 1%2 7C 4X | - Spencers |
| 1%2 6C 5X | - Auchan Super Market |
| 1%2 5C 6X | - Heritage Fresh |

Eg: 2%74 6C 5X

- 2%74 - 2 characters Fixed data 74.
- 6C - 6 characters for PLU Code.
- 5X - 5 Characters for weight or quantity.

12.2. New/Edit Barcode

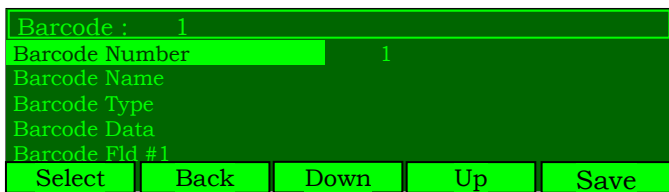


When 'Menu> programming > Barcode' is selected, display will show existing Barcodes in ascending order of Barcode Number.

For editing existing barcode, select barcode from the list using Up and Down soft key or enter barcode number and then Press Edit soft key.

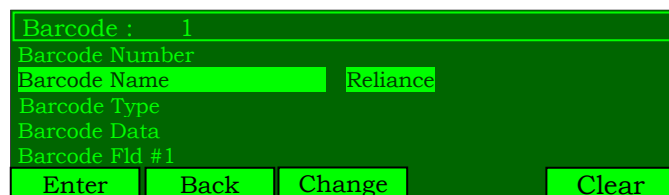


For programming new barcode, first press >> soft key, following screen will be displayed. Now press New soft key.



Once New/Edit is selected, barcode items will be displayed. Using Up and down soft key browse through barcode items.

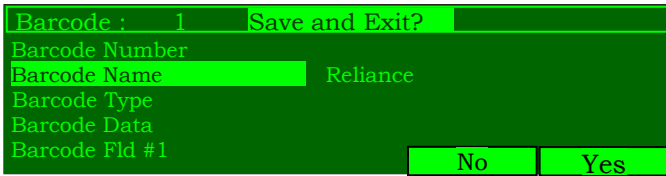
For editing barcode item, press Select soft key.



Ex. To change Barcode Name
Press Down soft key, Barcode Name will be highlighted. Now press Select soft key.
Following screen will be displayed.

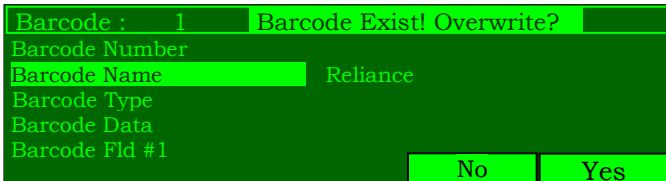
Suppose if barcode item is an entry type then, clear old name using Clear soft key and then enter new name. Press Enter soft key to save new name.
Suppose if barcode item is selectable type then, Select the required option by pressing change soft key and then Press Enter soft key to save the value.

Similarly other barcode items can be edited.
After editing barcode items if you want to retain old value then press Back soft key.



When Back soft key is pressed, **“Save and Exit?”** message will be displayed. Press Yes soft key if you want to save changes. Press No soft key if you don’t want to save changes.

After editing barcode items, press Save soft key. If you don’t save, the changes will not be updated.



When Save soft key is pressed if any changes were done to barcode then **“Barcode Exist! Overwrite?”** message will be displayed.

Press Yes soft key if you want to save changes. Press No soft key if you don’t want to save changes



When no barcode is programmed then **“NO BARCODES! ADD NEW”** message will be displayed as shown below.

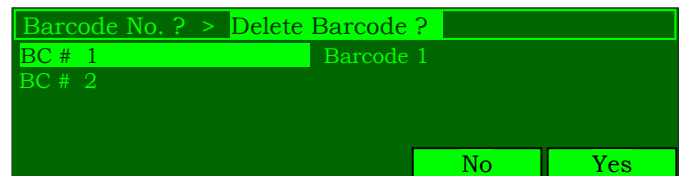
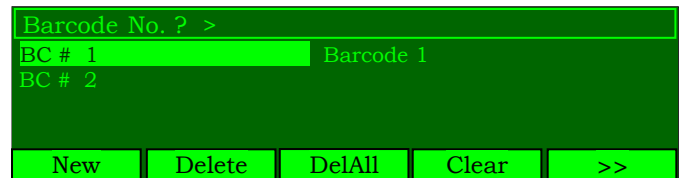


12.3. Delete Barcode

Select the barcode record to be deleted using Up and Down soft keys or directly enter barcode No.

Press Delete soft key to delete selected barcode record.

Once Delete soft key is pressed, **“Delete Barcode?”** message will be displayed. Press YES soft key to delete selected barcode. Press No soft key to cancel deleting of a barcode record.



12.4. Delete All Barcodes

Press DelAll soft key to delete all Barcodes. Once DelAll soft key is pressed, **“Delete ALL Barcodes?”** message will be displayed. Press YES soft key to delete barcodes. Press No soft key to cancel deleting of a barcodes. Barcode 99 will be always created with following data EAN13 and **“6C 6X”**.



13. Ingredient Programming

13.1. Ingredient Record

Each ingredient contains following details

1. Ingredient Number: Any number between 1 and 9999
2. Ingredient Name: Maximum 15 characters.
3. Line #1: to Line #15: Maximum 48 characters per line
4. Size: Font Selection size 2 char

Maximum number of ingredients is 9999.

13.2. New/Edit Ingredient

| | | | | |
|--------------------|--------------|------|----|----|
| Ingredient No. ? > | | | | |
| I # 1 | Ingredient 1 | | | |
| I # 2 | | | | |
| | | | | |
| Edit | Back | Down | Up | >> |

When 'Menu> programming > Ingredient' is selected, display will show existing Ingredients in ascending order of Ingredient Number.

For editing existing Ingredient, select ingredient from the list using Up and Down soft key or enter ingredient number and then Press Edit soft key.

| | | | | |
|--------------------|--------------|--------|-------|----|
| Ingredient No. ? > | | | | |
| I # 1 | Ingredient 1 | | | |
| I # 2 | | | | |
| | | | | |
| New | Delete | DelAll | Clear | >> |

For programming new ingredient, first press >> soft key, following screen will be displayed. Now press New soft key.

| | | | | |
|-------------------|------|------|----|------|
| Ingredient : 1 | | | | |
| Ingredient Number | 1 | | | |
| Ingredient Name | | | | |
| Line #1 | | | | |
| Line #2 | | | | |
| Line #3 | | | | |
| Select | Back | Down | Up | Save |

Once New/Edit is selected, ingredient items will be displayed. Using Up and down soft key browse through ingredient items.

For editing ingredient item, press Select soft key.

| | | | | |
|-------------------|-------|--------|--|-------|
| Ingredient : 1 | | | | |
| Ingredient Number | 1 | | | |
| Ingredient Name | Bread | | | |
| Line #1 | | | | |
| Line #2 | | | | |
| Line #3 | | | | |
| Enter | Back | Change | | Clear |

Ex. To change Ingredient Name
Press Down soft key, Ingredient Name will be highlighted. Now press Select soft key.
Following screen will be displayed.

Suppose if ingredient item is an entry type then, clear old name using Clear soft key and then enter new name. Press Enter soft key to save new name.

Suppose if ingredient item is selectable type then, Select the required option by pressing change soft key and then Press Enter soft key to save the value.

Similarly other ingredient items can be edited.

After editing ingredient items if you want to retain old value then press Back soft key.

| | | | | |
|-------------------------------|-------|--|--|--------|
| Ingredient : 1 Save and Exit? | | | | |
| Ingredient Number | 1 | | | |
| Ingredient Name | Bread | | | |
| Line #1 | | | | |
| Line #2 | | | | |
| Line #3 | | | | |
| | | | | No Yes |

When Back soft key is pressed, "Save and Exit?" message will be displayed. Press Yes soft key if you want to save changes. Press No soft key if you don't want to save changes.

After editing ingredient items, press Save soft key. If you don't save, the changes will not be updated.

| | | | | |
|---|-------|--|--|--------|
| Ingredient : 1 Ingredient Exist! Overwrite? | | | | |
| Ingredient Number | 1 | | | |
| Ingredient Name | Bread | | | |
| Line #1 | | | | |
| Line #2 | | | | |
| Line #3 | | | | |
| | | | | No Yes |

When Save soft key is pressed if any changes were done to ingredient then "Ingredient Exist! Overwrite?" message will be displayed.

Press Yes soft key if you want to save changes. Press No soft key if you don't want to save changes



When no ingredient is programmed then "NO INGREDIENTS! ADD NEW" message will be displayed as shown below.

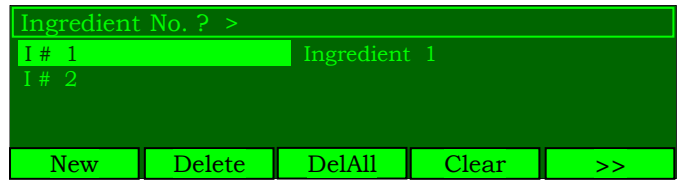
| | | | | |
|-------------------------|------|------|----|----|
| Ingredient No. ? > | | | | |
| NO INGREDIENTS! ADD NEW | | | | |
| | | | | |
| Edit | Back | Down | Up | >> |

13.3. Delete Ingredient

Select the ingredient record to be deleted using Up and Down soft keys or directly enter ingredient No.

Press Delete soft key to delete selected ingredient record.

Once Delete soft key is pressed, **“Delete Ingredient?”** message will be displayed. Press YES soft key to delete selected ingredient. Press No soft key to cancel deleting of a ingredient record.



13.4. Delete All Ingredients

Press DelAll soft key to delete all ingredient. Once DelAll soft key is pressed, **“Delete ALL Ingredients?”** message will be displayed. Press YES soft key to delete Ingredients. Press No soft key to cancel deleting of a ingredient.



14. Message Programming

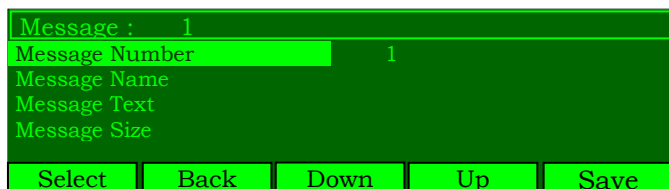
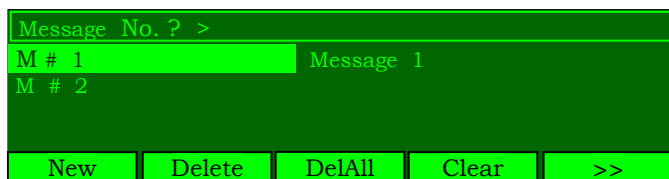
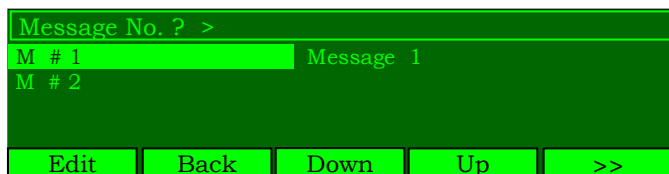
14.1. Message Record

Each message contains following details

1. Message Number: Any number between 1 and 999
2. Message Name: Maximum 15 characters.
3. Message Text: Maximum 48 characters
4. Message Size: Font Selection size 2 char

Maximum number of ingredients is 999.

14.2. New/Edit Message

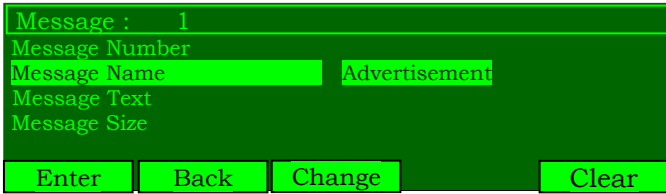


When 'Menu> programming > Message' is selected, display will show existing Message in ascending order of Message Number.

For editing existing Message, select Message from the list using Up and Down soft key or enter message number and then Press Edit soft key.

For programming new Message, first press >> soft key, following screen will be displayed. Now press New soft key.

Once New/Edit is selected, message items will be displayed. Using Up and down soft key browse through message items.



For editing message item, press Select soft key.

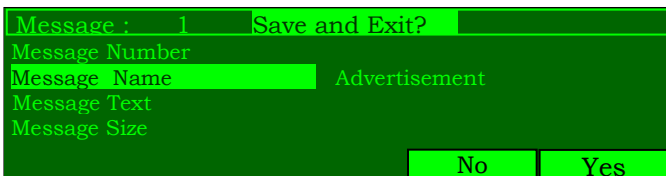
Ex. To change Message Name
Press Down soft key, Message Name will be highlighted. Now press Select soft key.
Following screen will be displayed.

Suppose if message item is an entry type then, clear old name using Clear soft key and then enter new name. Press Enter soft key to save new name.

Suppose if message item is selectable type then, Select the required option by pressing change soft key and then Press Enter soft key to save the value.

Similarly other message items can be edited.

After editing message items if you want to retain old value then press Back soft key.



When Back soft key is pressed, **“Save and Exit?”** message will be displayed. Press Yes soft key if you want to save changes. Press No soft key if you don’t want to save changes.

After editing message items, press Save soft key. If you don’t save, the changes will not be updated.



When Save soft key is pressed if any changes were done to message then **“Message Exist! Overwrite?”** message will be displayed.

Press Yes soft key if you want to save changes. Press No soft key if you don’t want to save changes



When no message is programmed then **“NO MESSAGES! ADD NEW”** message will be displayed as shown below.

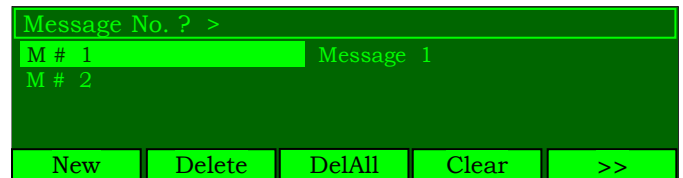


14.3. Delete Message

Select the message record to be deleted using Up and Down soft keys or directly enter ingredient No.

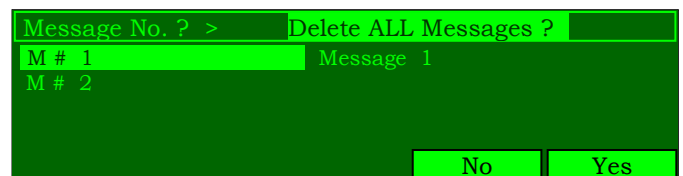
Press Delete soft key to delete selected message record.

Once Delete soft key is pressed, **“Delete Message?”** message will be displayed. Press YES soft key to delete selected message. Press No soft key to cancel deleting of a message record.



14.4. Delete All Messages

Press DelAll soft key to delete all messages. Once DelAll soft key is pressed, **“Delete ALL Messages?”** message will be displayed. Press YES soft key to delete Messages. Press No soft key to cancel deleting of a Messages.



15. Scroll Message Programming

15.1. Scroll Record

Each scroll message contains following details

1. Scroll Number: Any number between 1 and 9
2. Scroll Name: Maximum 15 characters.
3. Scroll Text: Maximum 150 characters
4. Scroll Mode: Steady / Blink/ Scroll L2R / Scroll R2L
5. Scroll Speed: Low / Med / High

Maximum number of Scrolls is 9.

15.2. New/Edit Scroll

When 'Menu> programming > Scroll Message' is selected, display will show existing Scrolls in ascending order of Scroll Number.

For editing existing Scroll, select Scroll from the list using Up and Down soft key or enter Scroll number and then Press Edit soft key.

For programming new Scroll, first press >> soft key, following screen will be displayed. Now press New soft key.

Once New/Edit is selected, scroll items will be displayed. Using Up and down soft key browse through scroll items.

For editing scroll item, press Select soft key.

Ex. To change Scroll Name
Press Down soft key, Scroll Name will be highlighted.
Now press Select soft key.
Following screen will be displayed.

Suppose if scroll item is an entry type then, clear old name using Clear soft key and then enter new name. Press Enter soft key to save new name.
Suppose if scroll item is selectable type then, Select the required option by pressing change soft key and then Press Enter soft key to save the value.

Similarly other scroll items can be edited.

After editing scroll items if you want to retain old value then press Back soft key.

When Back soft key is pressed, **“Save and Exit?”** message will be displayed. Press Yes soft key if you want to save changes. Press No soft key if you don't want to save changes.

After editing scroll items, press Save soft key. If you don't save, the changes will not be updated.



When no Scroll message is programmed, then **“NO SCROLLS! ADD NEW”** message will be displayed as shown below.

When Save soft key is pressed if any changes were done to scroll then **“Scroll Exist! Overwrite?”** message will be displayed. Press Yes soft key if you want to save changes. Press No soft key if you don't want to save changes

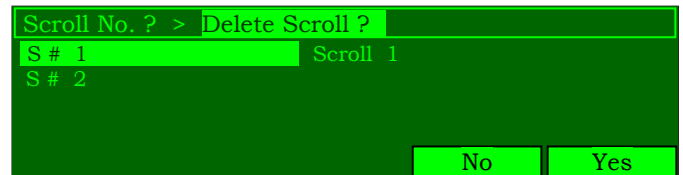


15.3. Delete Scroll

Select the scroll record to be deleted using Up and Down soft keys or directly enter ingredient No.

Press Delete soft key to delete selected scroll record.

Once Delete soft key is pressed, **“Delete Scroll?”** message will be displayed. Press YES soft key to delete selected scroll. Press No soft key to cancel deleting of a scroll record.

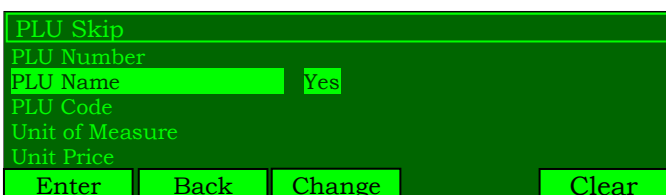


15.4. Delete All Scrolls

Press DelAll soft key to delete all Scrolls. Once DelAll soft key is pressed, **“Delete ALL Scrolls?”** message will be displayed. Press YES soft key to delete Scrolls. Press No soft key to cancel deleting of a Scrolls.



16. PLU Skip Programming



Select the required option by pressing change soft key and then Press Enter soft key to save the value.

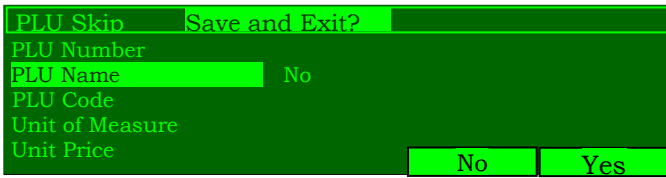
Similarly other PLU items can be edited.

Once PLU Skip is selected, PLU items will be displayed. Using Up and down soft key browse through PLU items.

For skipping or not skipping PLU item, press Select soft key.

Ex. To change PLU Name
Press Down soft key, PLU Name will be highlighted. Now press Select soft key. Following screen will be displayed.

After editing PLU items if you want to retain old value then press Back soft key.



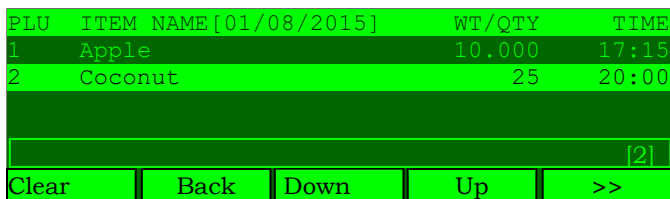
When Back soft key is pressed, **“Save and Exit?”** message will be displayed. Press Yes soft key if you want to save changes. Press No soft key if you don’t want to save changes.

After editing PLU items, press Save soft key. If you don’t save, the changes will not be updated.

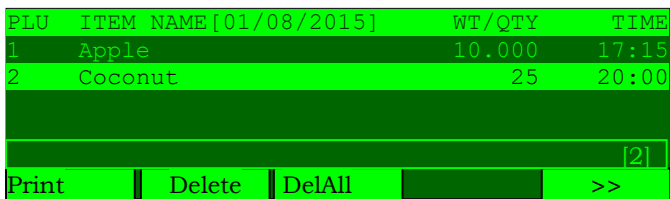
Note:

1. PLU Number cannot be skipped.
2. If a particular PLU item is skipped, then while programming PLU, the particular item will be skipped while pressing Up/Down soft keys. This makes editing not possible for the skipped Items.

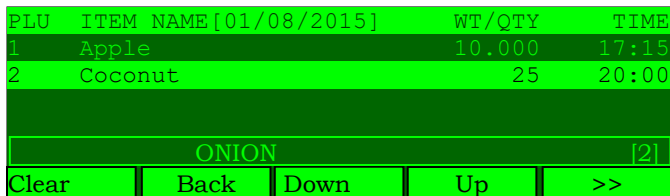
17. Indent Programming



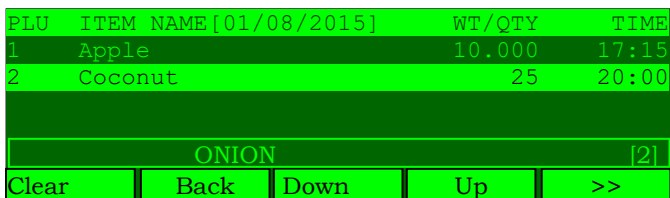
On Indent key press, current date indent if any is shown in the screen. Using Up and down soft key browse through indented PLU items.



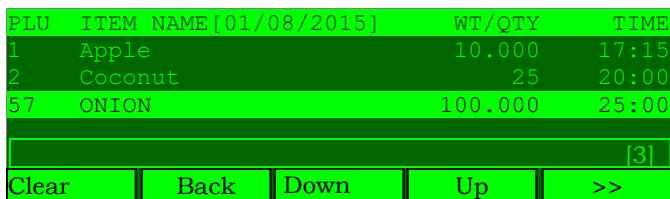
Press Soft key 5 >> following screen will be displayed. Here we can print displayed indent, delete a selected PLU in the indent and delete all indents can be done.



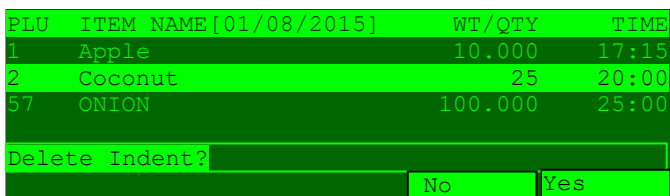
To Add a PLU enter PLU no (57) and press PLU key. The name of the PLU will be shown. If PLU does not exists, displays “No PLU” message.



Now enter weight or quantity required and press Quantity Key. This PLU will get added to the Indent.



The last entered PLU gets selected automatically. The no of indents selected increases by 1.



To delete Coconut, highlight using up and down soft keys. Press soft key >>, then press “Delete” key. Confirmation will be asked, press “Yes” soft key.


Notes:

1. Only current day indent can be printed or edited.
2. The all Indent gets deleted automatically once application software receives it.
3. While in Indent screen, if application software pulls data, then screen changes to Weighing mode.
4. Indent can be edited any number of times.
5. The machine can keep last ten days indent incase the application software is not asking for indent.
To print current indent, press STAR key.

```
ESSAE-TERAOKA
INVENTORY RECEIVED REPORT
01/08/15 18:02
HC#0001
-----
PLU# PLU NAME
RECEIVED_STOCK TOTAL_STOCK
-----
50 AVACADO      152.000    152.000
 1 APPLE        16         220
-----
TOTAL STOCK QUANTITY      220
TOTAL STOCK WEIGHT      152.000
NO OF ITEMS RECEIVED      2
-----
Thank you
```


X. TRANSACTION

1. Basic Operations

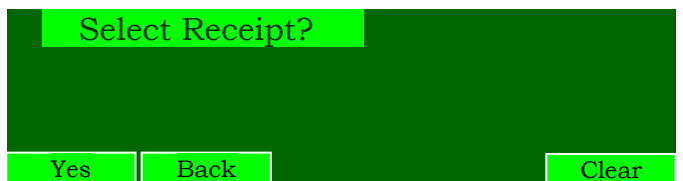
The SI can work in SI-810PR Label or SI-810PR Receipt print Modes based on what type of Model you are have right now. The Model is selected by  Preset key. By default Label Model is selected. In SI-810PR Label, only Item label and Total Label can be printed. In SI-810PR Receipt, bills and reports can be printed.

For Label Model, use only label paper and Receipt Model use only receipt paper. If we interchange print media, damage to print head and wastage may happen.


1.1. Label/Receipt Selection

Press  preset function key to change between Label and Receipt Model.

Bills and Reports can be printed only in SI-80PR receipt model.

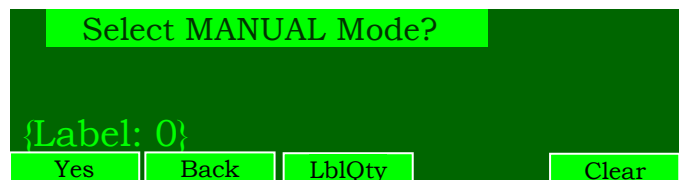


1.2. Prepack/Manual Mode Selection

Press  preset function key to change between Manual and Prepack mode selection. In Prepack mode, PLU is not cleared and label is auto printed irrespective of Menu> Label Settings>Label Auto Print.

{Label: 5} indicates remaining labels to be printed. LblQty can be entered only after going to Prepack Mode. Weighing items needs unload for next label. In Prepack mode, if continuous label is required after printing required label for a particular PLU, enter LblQty as 0 and press back Key.


In Manual mode unload logic for weighing item is not required. But if Menu> Label Settings>Label Auto Print is Yes, then unload logic is required. The selected PLU will get cleared if PLU Fix is not enabled. Use Fix Preset function KEY to enable PLU Fix.

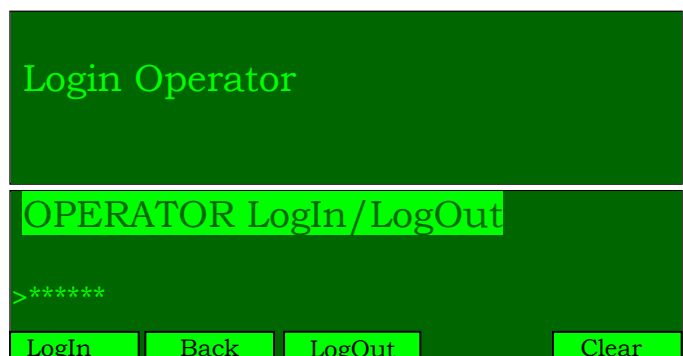


1.3. Operator Log In

Without operator login, no transaction can be carried out.

If we enter numbers, PLUs and other predefined functions without a operator logged in, "Login Operator" message is shown. Menu is accessible without a operator logged in.

Press  function key. Enter the operator number and then press LogIn softkey. If operator is having a password then




enter operator number followed by operator password.

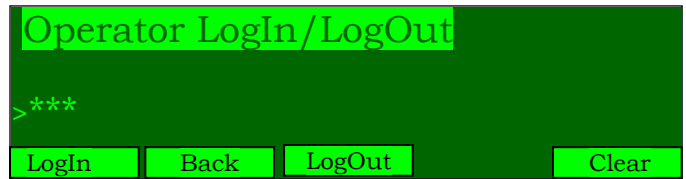
If operator number is single digit then leading zeros are required. For example, if operator number is 1 and password is 3629 then enter 013629. Entered digits will be displayed as star (*).

1.4. Operator Log Out



Press  preset function key. Enter the operator number and password if any and then press LogOut softkey. The current operator will be logged out.

All pending transactions should be closed before logging out. If operator number is 1 digit and password is provided, then leading zero for operator number is required. Entered digits will be displayed as star (*).



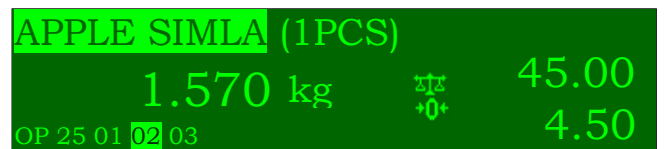
1.5. Selecting Operator

When 'Menu> Label Settings>PLU Recall Method is Manual'.

Before Labeling operator has to be selected. Only operators who are logged in can be selected.

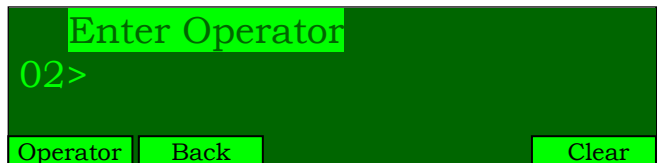
To select operator,

- Enter Operator number in application mode.
- Press Operator softkey. Password is not required while selecting operator.



Press Operator Function preset key.

- Enter Operator number.
- Press Operator softkey. Password is not required while selecting operator.



- Operator can be selected via Operator Select function preset key also. This is one key operation.

1.6. Calling Up a PLU

There are three ways to call up a PLU by using numeric key, preset key and PLU Search soft key.



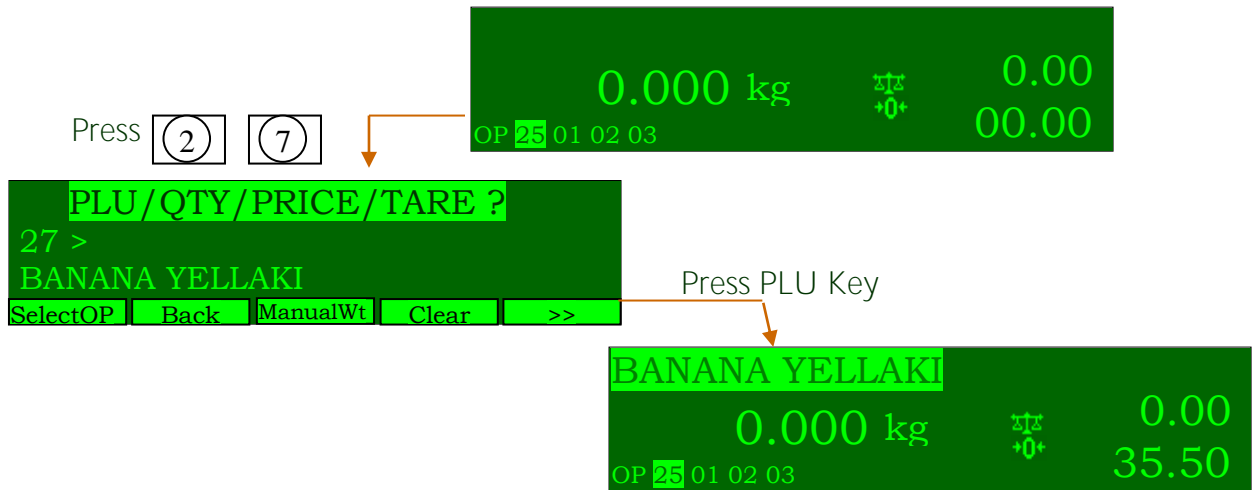
To clear the current PLU, Enter 0 key in application mode and then press PLU key. It will clear PLU name and PLU unit price from the application screen.

1.6.1. Using Numeric key

When 'Menu> Label Settings>PLU Recall Method is Manual'.

Enter PLU number or PLU Code (depending on option selected in 'Menu> Setting> PLU Recall By') by using numeric keys in application mode and press PLU key.

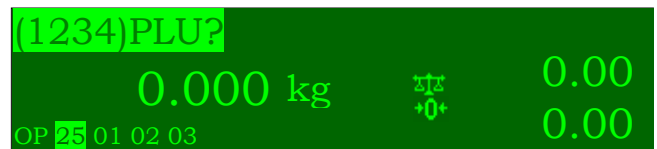
Ex: PLU number 27.



When 'Menu> Label Settings>PLU Recall Method is Intelligent'.

As the PLU no or Code is typed in, the current matching PLU is recalled automatically there by reducing one "PLU" key operation.

If a particular PLU does not exist, then SI will show the code which is not available.



For clearing PLU code entered, Press "PLU" key display will get clear, freshly enter a PLU code.

For changing quantity, press "QTY" key, enter required quantity.

For changing Unit Price, press "PRICE" key, enter price.

In case Menu> Label Settings>Label Auto Print is Yes and PLU Recall Method is Intelligent, the auto print will have delay of 0.5 second. This is done to avoid printing intermediate PLU before full PLU code is entered in.



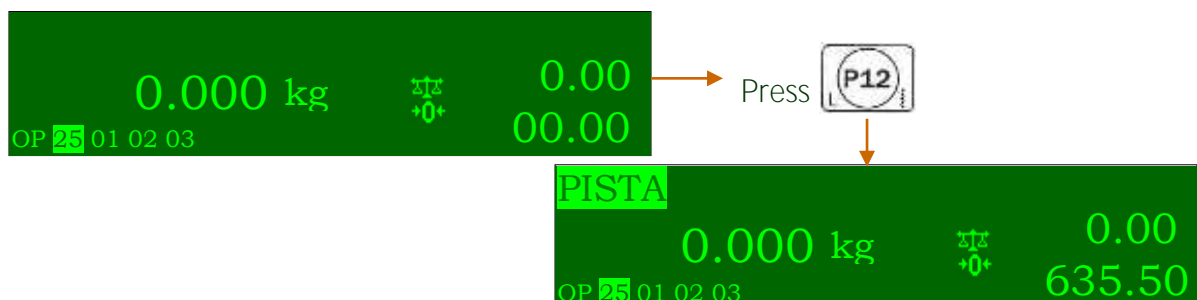
If PLU Recall Method is Intelligent Digital Tare, Operator selection etc NOT possible.

1.6.2. Using Preset key

Press Programmed PLU Preset keys.

Ex. To recall PLU Number 25, if you have programmed PLU Preset key P12 to be PLU number 25, then you need to press just P12 key. (PLU Preset keys can be programmed in 'Menu> Programming> PLU Preset keys'.

PLU#25: PISTA



1.6.3. Search soft key

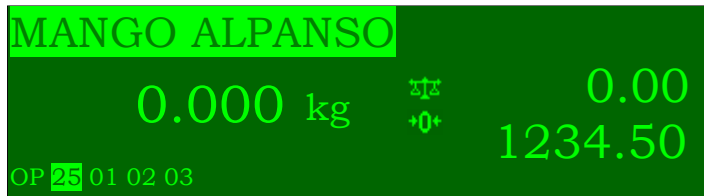
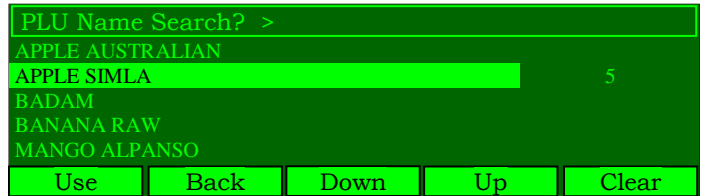
PLU's name can be searched and the required PLU can be selected from application mode.

In application mode, press Search soft key. SI will display all the PLUs sorted in alphabetical order of PLU names.

PLU names can be browsed using UP and Down soft keys. You can also enter characters, so PLU names matching entered characters will be displayed.

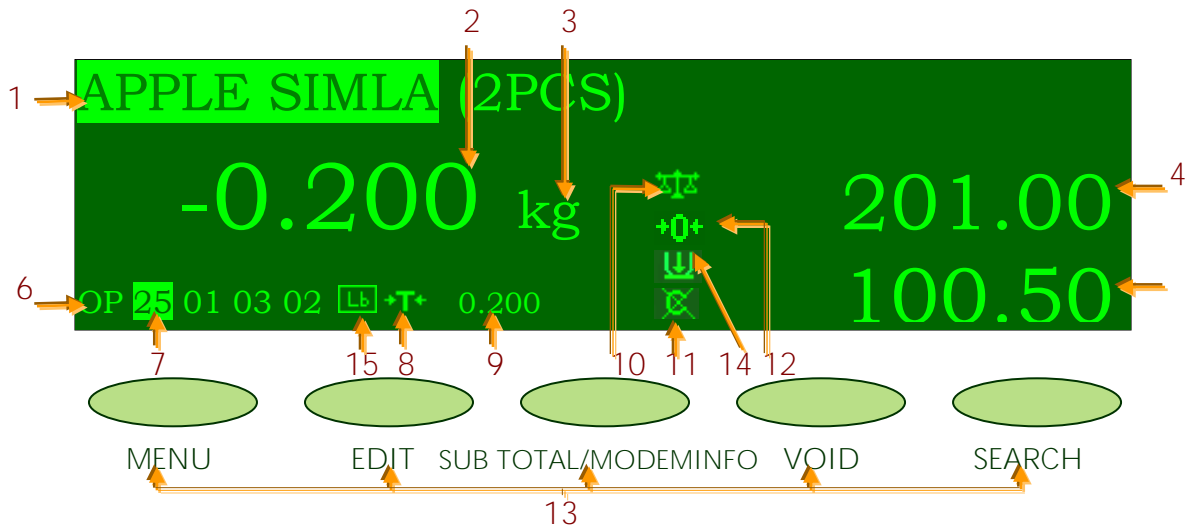
Ex. If you are looking for PLUs starting with M, then just enter M. All the PLUs names starting with M will be displayed.

Press Use soft key to use selected PLU for the transaction. Selected PLU will be displayed in application mode as shown.



2. Label Printing

2.1. Application Screen

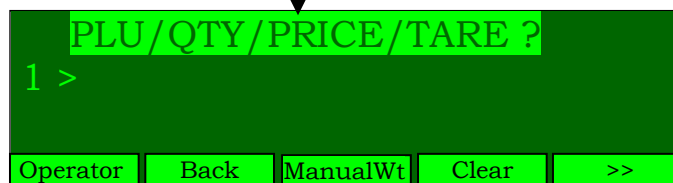


- | | |
|--------------------------------------|---------------------------|
| 1. Active PLU Name | 2. Weight on the platter. |
| 3. Unit of weight selected. | 4. Total Price |
| 5. Rate | 6. Active Operators |
| 7. Current Operator | 8. Tare weight indicator |
| 9. Tare Weight | 10. Stability indicator |
| 11. Total Label-LPR App Down, blinks | 12. Zero weight indicator |
| 13. Soft key names. | 14. PLU Reorder |
| 15. Label Mode | |

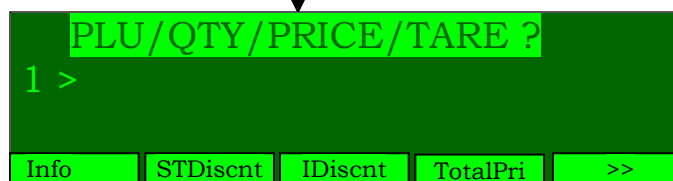
If weighing PLU -> Total Price = unit price * PLU Item weight.
 If non-weighing PLU -> Total price = unit price * PLU Item quantity

Key Entry Mode

Press any numeric key in Application mode (Ex. Enter 1)



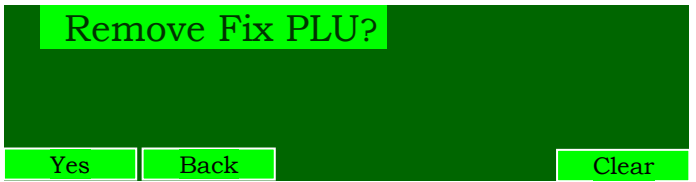
Press Soft key 5 (>>)



2.2. Fixing PLU in Manual Mode

Press assigned preset function key to fix the selected PLU. In Manual mode, Fixing PLU will not clear current one.

Press again to remove Fix PLU. Fixing PLU in Prepack mode is not required.



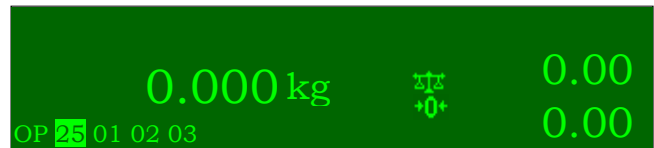
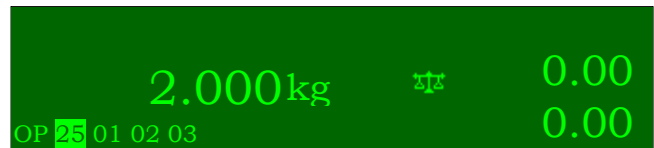
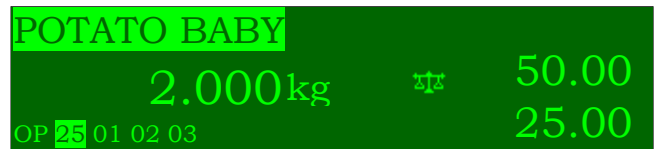
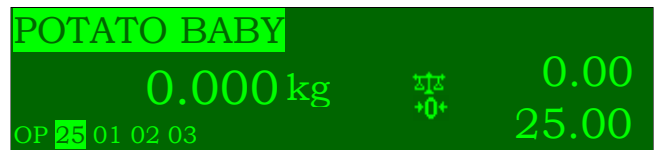
2.3. Item Label

2.3.1. Weighed Item

Example:

- PLU No: 5, PLU Name: POTATO BABY, Unit of Measure: WEIGH, Farmer, Unit Price: Rs.25.00
- Sales Weight: 2.000kg

1. Press Preset key to call up a PLU. User may call up a PLU either by pressing preset key or numeric key.
2. Place item(s) on the platter.
3. Press Print key to complete current transaction and print Item Label.
4. Remove item(s) from the platter.



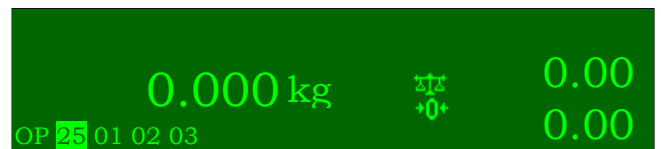
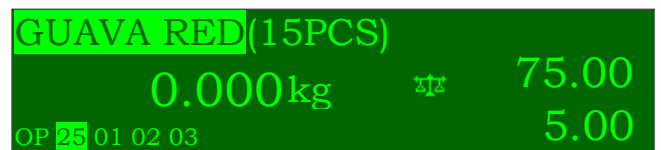
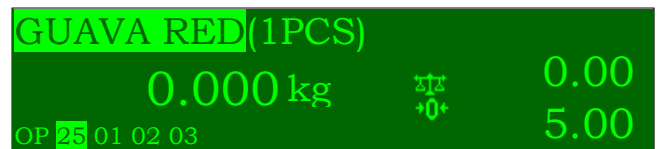
Total Price = Sales Weight X Unit Price.

2.3.2. By PCS Item

Example:

- PLU No: 35, PLU Name: GUAVA RED, Unit of Measure: PCS, Unit Price: Rs.5.00.
- Sales = 15 pieces (Quantity)

1. Press Preset key to call up a PLU. User may call up a PLU either by pressing preset key or numeric key.
2. Enter quantity. (Number of pieces). Press QTY Key. The maximum quantity allowed is 9999.
3. Press Print key to complete current transaction and print item Label.

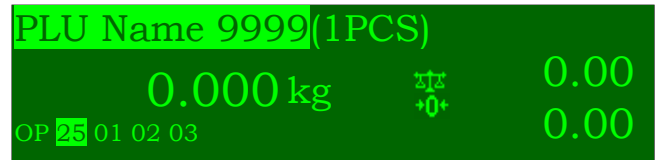


Total Price = Quantity X Unit Price.

2.3.3. Default Label Format Printing(Non weighing)

PLU No: 9999, PLU Name: PLU Name 9999, Unit of Measure: PCS, Unit Price: .0.00

Recall the PLU and Press print key to print label.



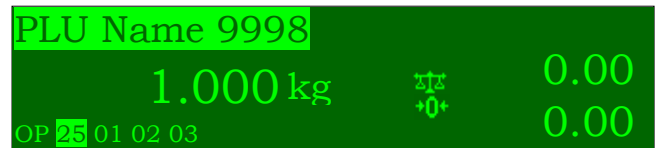
Default Label format 99 and default Barcode code 99 are used for printing the label. This can be used immediately for checking the Label Printer without loading any data from “LPR App Link” application software.



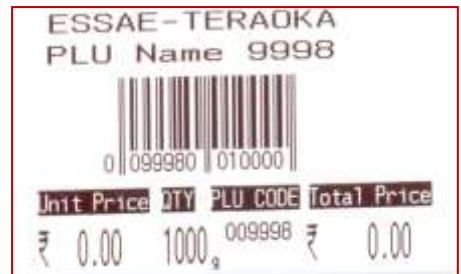
2.3.4. Default Label Format Printing(Weighing)

PLU No: 9998, PLU Name: PLU Name 9998, Unit of Measure: WEIGH, Unit Price: .0.00

Recall the PLU and keep an item on the platter.
Press print key to print label



Using default Label format 99 and default Barcode code 99 are used to print.



2.4. Total Label

When 'Menu> Settings>Hot PLU is set to 'No'.

When 'Menu> Label Settings>Total Label Link =50'.

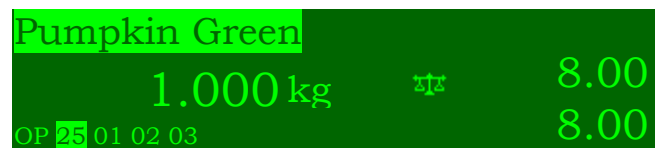
When 'Menu> Label Settings>Total Barcode Link =50'.

Make sure label and barcode for the above links available in machine by uploading and/or programming in the machine. If only total label is required, then do not link label no in PLUs.

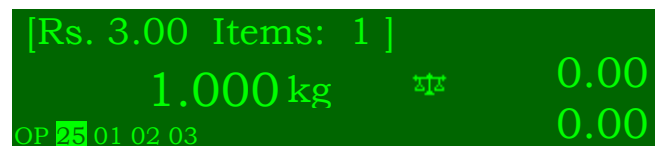
Example:

- PLU No: 1, PLU Name: Pumpkin Green, Unit of Measure: WEIGH, Unit Price: Rs.8.00.
- PLU No: 20, PLU Name: Potato Fresh premium, Unit of Measure: PCS, Unit Price: Rs.17.90.
- PLU No: 300, PLU Name: Bottle Gourd Large, Unit of Measure: WEIGHT, Unit Price: Rs.9.90.

1. Call up PLU 1. Place the Pumpkin Green.



2. Press OP+ key. Item label is printed



3. Call up PLU 20.
4. Press OP+ key. Item label is printed
5. Call Up PLU 300. Place Bottle Gourd Large. Press Print key.
6. First Item label is printed followed by Total Label. So take item label and Total label will come out.

Potato Fresh premium (1PCS)
 0.000kg ₹ 17.90
 OP 25 01 02 03 17.90

[Rs. 25.90 Items: 2]
 0.000kg ₹ 0.00
 OP 25 01 02 03 ₹ 0.00

Bottle Gourd Large
 5.000kg ₹ 49.50
 OP 25 01 02 03 9.90

[Rs. 75.40 Items: 3]
 5.000kg ₹ 0.00
 OP 25 01 02 03 0.00

2.5. Sample Labels

Item Label 1



Item Label 2



Item Label 3



Total Label of Three Items



2.6. Fixed Price

When a PLU set with "Fixed Price" is yes, and then the Total Price is same irrespective of weight or quantity. This can be used when giving free items with unlimited weight or quantity. Only display and Label printing is affected, but sales data will reflect correct total price value.

2.7. Notes



- No Duplicate Label of Item and Total Label is possible.
- **“PRINTER HEAD OPEN!”** message is shown if printer head is not closed properly.
- If Printer Door is open then **“PRINTER DOOR OPEN!”** message shown.
- No label condition, message **“NO PAPER!”** is shown. If more than one message exists, then priority is given above order.
- When label is not taken out, message **“TAKE PRINTED LABEL!”** is shown.
- If functions meant for receipt is tried to operate in Label Mode, **“Select RECEIPT” message will be shown.**
- Maximum Item Label Number is 99999. If Item Label number exceeds 99999, then SI will display **“BILL NO. > 99999”**
“CLEAR ALL REPORTS”
During this condition, take all the reports and clear it. Once reports are cleared, Total Label number will be reset to 1 or any starting higher value.
- Each Total Label can have maximum 99 items. If we try to do transaction of 100th item then **“Items greater than 99!”** message will be displayed momentarily. During this condition, clear selected PLU and then press Print key to close Total Label and print bill.
- **“Zero Item!”** message will be displayed for the following conditions:
 - If weighing PLU and weight on the platter is less than min limit weight and
 - If items added is zero.
- **“Weight Not stable!”** message will be displayed after checking for stable for 1 second.
- If inventory is enabled (Menu> Settings> Inventory Enable) **and if recalled PLU's stock is less than the weight or quantity being transacted then “Stock NOT there!” message will be displayed.**
- If *‘Menu> Reports> Clear Today's sales Auto’* is set as *‘Yes’* then whenever there is change of date when first Item Label is transacted, all the sales done previously will be deleted and then current Item label will be printed.

Clearing Yesterday's Sales...

3. Other Operations

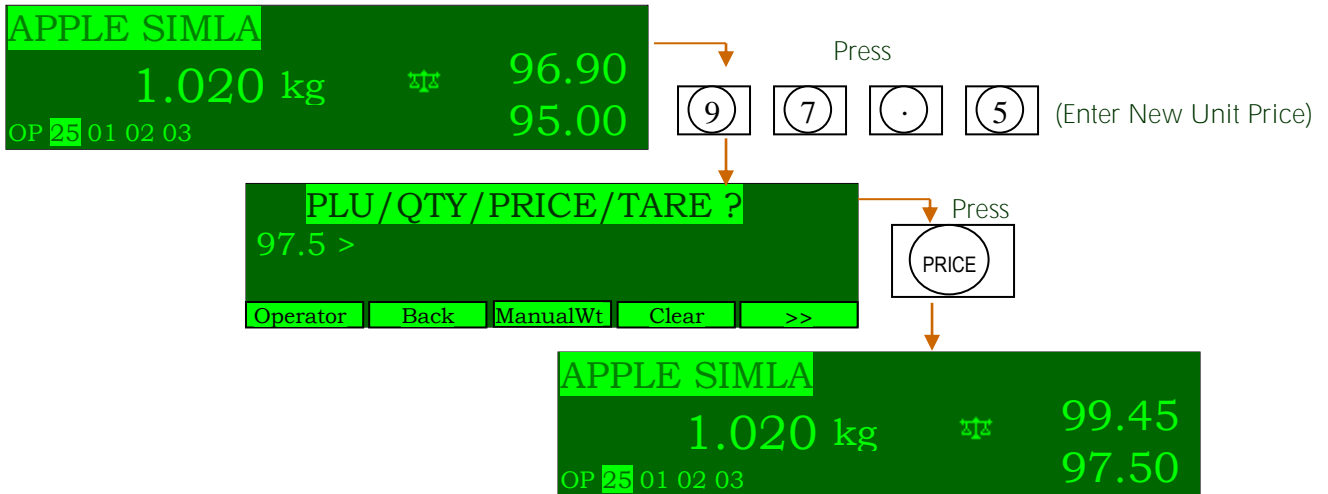
3.1. Unit Price Override (By-Weight PLU)

When 'Menu> Label Settings>PLU Recall Method is Manual'.

The Price key is used to temporarily change the Price of selected PLU.

For Price override, 'Menu> Setting> PLU Price Override Enable' should be set as 'Yes'.

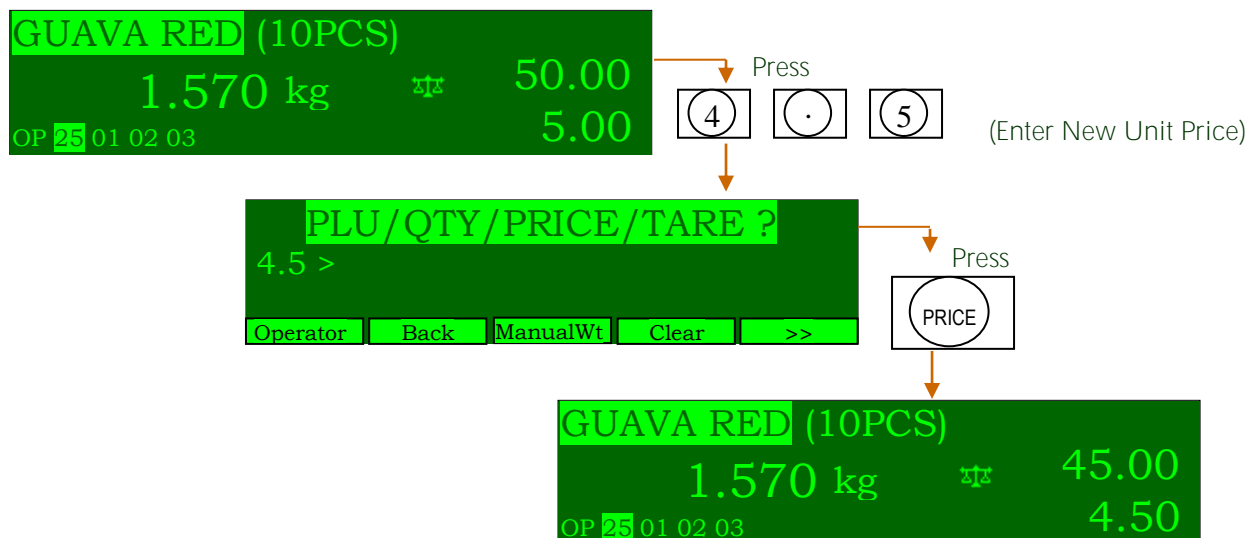
EX: PLU # 1. APPLE SIMLA (PLU Type: By Weight, Unit Price: Rs.95.00).
New Unit Price: Rs.97.50



3.2. Unit Price Override (By-PCS PLU)

When 'Menu> Label Settings>PLU Recall Method is Manual'.

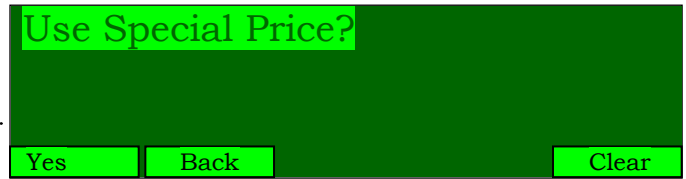
EX: PLU # 6. GUAVA RED (PLU Type: By PCS, Quantity: 10, Unit Price: Rs.5.00).
New Unit Price: Rs.4.50



3.3. Special Unit Price Override (By-PCS PLU)

This function preset key is for Entering special available in PLU.

- If assigned preset key for Special Price is pressed. The below display is prompted.
- Press Yes soft key to override the Unit price. If Special price is zero "Spl Price 0.0" message is shown and not accepted.



3.4. Discount Override Operation

When 'Menu> Label Settings>PLU Recall Method is Manual'.

To change discount, "Menu> Settings> Discount Enable" should be set as 'Yes'.



Override PLU Item Discount:

Discount value: Enter Discount Value then Press >> and IDiscnt soft key.

Discount in %: Enter Discount Value suffixed by '%' and then Press >> and IDiscnt soft key.

Discount link no: Enter Discount Link number suffixed by 'L' and then Press >> and IDiscnt soft key.



SI will display "IDISCNT ERR" for the following conditions:

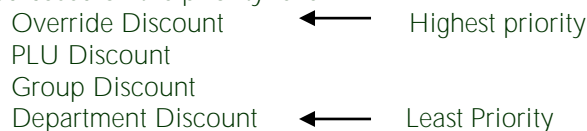
- If item discount > 100 %.
- If entered discount link number is not programmed already.
- If '%' and 'L' not entered at the end.
- If unit price of non PLU is zero.
- If no PLU is selected.



If item discount exceed total price then SI will display "Total Price Zero".

Item discount will be applied before applying tax to the item.

Item discount is applied based on the priority level.



Subtotal Discount:

Subtotal discount can be entered any time before Total Label is closed in application mode.

Discount value: Enter Discount Value then Press >> and STDiscnt soft key.

Discount in %: Enter Discount Value suffixed by '%' and then Press >> and STDiscnt soft key.

Discount link no: Enter Discount Link no suffixed by 'L' and then Press >> and STDiscnt soft key.



SI will display "STDISCNT ERR" for the following conditions:

- If subtotal discount > 100 %.
- If entered discount link number is not programmed already.
- If '%' and 'L' not entered at the end.

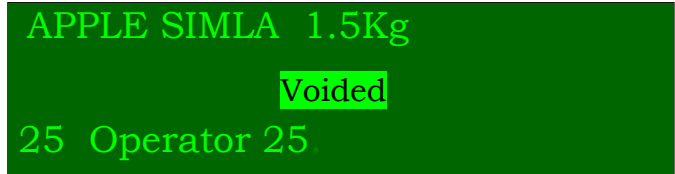


If discount link number is entered for subtotal discount then, only discount type and first discount will be taken from programmed discount. Subtotal discount will be applied after applying tax.

3.5. Void Operation

Before Total Label is printed, last item transacted by current Operator can be cancelled. There should be at least one item for Void operation.

In application screen press soft key 2 (i.e. Void soft key). Details of last transaction like PLU name, corresponding weight or quantity and Operator **number and Operator's name** who did void operation will be displayed.



Same PLUs with same unit price, same item discount, and same tax will be accumulated when transacted. This is considered as one item only and will be added at the end of the Total Label. When void operation is done, last item which is accumulation of all similar PLUs will be deleted.

Ex. Consider 5 items

| Item no | PLU Item Name | Qty/Wt | Unit price | Tax | Discount |
|---------|----------------|--------|------------|-----|----------|
| 1 | APPLE FUGI | 0.243 | 99.90 | 0 | 10% |
| 2 | MANGO BADAMI | 0.242 | 110.00 | 0 | 0 |
| 3 | APPLE FUGI | 0.321 | 99.90 | 0 | 10% |
| 4 | MANGO TOTAPURI | 20 | 15.00 | 0 | 0 |
| 5 | APPLE FUGI | 0.475 | 99.90 | 0 | 10% |

After transaction of 1st two items, Total Label contains items in the following order as shown.

| ITEM NAME | WT/QTY | PRICE | DISCNT | AMT | Rs.T |
|--------------------------------|--------|--------|--------|--------|-------|
| APPLE FUGI | 0.243 | 99.90 | 2.43 | 21.85 | |
| MANGO BADAMI | 0.242 | 110.00 | 0.00 | 26.62 | |
| OP25 ITEMS 02 CASH 0.00 AMOUNT | | | | | 48.50 |
| Delete | Back | Down | Up | DelAll | |

When 3rd item, who's PLU, unit price, item discount and tax is same as that of 1st item, is transacted, Wt/Qty and item amount of 1st and 3rd item gets accumulated and will become last item in the Total Label as shown.

| ITEM NAME | WT/QTY | PRICE | DISCNT | AMT | Rs.T |
|--------------------------------|--------|--------|--------|--------|-------|
| MANGO BADAMI | 0.242 | 110.00 | 0.00 | 26.62 | |
| APPLE FUGI | 0.564 | 99.90 | 5.63 | 50.71 | |
| OP25 ITEMS 02 CASH 0.00 AMOUNT | | | | | 77.50 |
| Delete | Back | Down | Up | DelAll | |

When 4th item is transacted, it will become last item of the Total Label.

| ITEM NAME | WT/QTY | PRICE | DISCNT | AMT | Rs.T |
|--------------------------------|--------|--------|--------|---------|--------|
| MANGO BADAMI | 0.242 | 110.00 | 0.00 | 26.62 | |
| APPLE FUGI | 0.564 | 99.90 | 5.63 | 50.71 | |
| MANGO TOTAPU | 20 | 15.00 | 0.00 | 300.00A | |
| OP25 ITEMS 03 CASH 0.00 AMOUNT | | | | | 377.50 |
| Delete | Back | Down | Up | DelAll | |

When 5th item is transacted, it will be accumulated with similar PLU and become last item of the Total Label as shown.

| ITEM NAME | WT/QTY | PRICE | DISCNT | AMT | Rs.T |
|--------------------------------|--------|--------|--------|---------|--------|
| MANGO BADAMI | 0.242 | 110.00 | 0.00 | 26.62 | |
| MANGO TOTAPU | 20 | 15.00 | 0.00 | 300.00A | |
| APPLE FUGI | 1.039 | 99.90 | 10.38 | 93.42 | |
| OP25 ITEMS 03 CASH 0.00 AMOUNT | | | | | 420.00 |
| Delete | Back | Down | Up | DelAll | |

If void operation is done at this point then last item which is accumulation of item 1, 3 and 5 will be deleted and Total Label will have only 2 items.

3.6. Edit

Incomplete Total Label can be edited. At least one item has to be present in the Total Label. Before Total Label is printed, all the transaction or a part of transaction of one operator can be cancelled.

In application screen, press Edit soft key to edit Item List before it is printed. When Edit soft key is pressed following screen will be displayed.

| ITEM NAME | WT/QTY | PRICE | DISCNT | AMT | Rs. | T |
|--------------------------------|--------|-------|--------|---------|-----|---|
| APPLE SIMLA | 1.500 | 80.00 | 2.00 | 118.00 | | |
| MANGO BADAMI | 5.000 | 25.00 | 0.00 | 125.00C | | |
| OP25 ITEMS 02 CASH 5.00 AMOUNT | | | | 243.00 | | |
| Delete | Back | Down | Up | DelAll | | |

Any item of the Total Label can be deleted. Select the item using Up and Down soft key. Highlighted item indicates item selected.

| ARE YOU SURE TO DELETE? | | | | | | |
|--------------------------------|-------|-------|------|---------|-----|--|
| APPLE SIMLA | 1.500 | 80.00 | 2.00 | 118.00 | | |
| MANGO BADAMI | 5.000 | 25.00 | 0.00 | 125.00C | | |
| OP25 ITEMS 02 CASH 5.00 AMOUNT | | | | 243.00 | | |
| | | | | No | Yes | |

Press Delete soft key to delete item selected. Confirmation screen will be displayed as shown. Press Yes soft key to delete item. Press No to cancel delete.

Similarly, press DelAll soft key to delete all items of the Total Label. Confirmation screen will be displayed as shown. Press Yes soft key to delete all items. Press No to cancel delete.

| ARE YOU SURE TO DELETE ALL? | | | | | | |
|--------------------------------|-------|-------|------|---------|-----|--|
| APPLE SIMLA | 1.500 | 80.00 | 2.00 | 118.00 | | |
| MANGO BADAMI | 5.000 | 25.00 | 0.00 | 125.00C | | |
| OP25 ITEMS 02 CASH 5.00 AMOUNT | | | | 243.00 | | |
| | | | | No | Yes | |

3.7. Subtotal

If "Menu> Communication> Modem>Modem On RS232 #3" is No, Soft key 3 will function as Subtotal key.

To check subtotal, press SubTotal soft key (i.e. soft key 2) in application mode.

| | |
|--------------------|----------|
| Total:Rs.22.50 | Items: 1 |
| ST Discount: 10.00 | |

SI will display, Total Label subtotal, no of items transacted and subtotal discount amount.

3.8. Modem Info

If "Menu> Communication> Modem>Modem On RS232 #3" is Yes, Soft key 3 will function as Modem Info key.

Press Modem Info soft key. We can check balance and query the GPRS Data available.

| | | | |
|----------------------|------|-------|-------|
| AIRTEL: 98% State: 7 | | | |
| > | | | |
| Balance | Back | Query | Clear |

3.9. Info

When 'Menu> Label Settings>PLU Recall Method is Manual'.

To get the basic information of SI such as free memory, total PLUs, Active scale Cap/Accu, Ethernet addresses if enabled do following:

1. Enter any numeric value.
2. Press >> soft key.
3. Press Info soft key.

| PLU/QTY/PRICE/TARE ? | | | |
|----------------------|---------|--------|----|
| 1 | > | | |
| Info | STDisct | IDisct | >> |

| | |
|----------------------------|----------------------------|
| M/C Name: System Indicator | Server |
| M/C No: 12345678 | Local IP: 192.168.002.025 |
| Total PLUs: 2002 | Remote IP: 192.168.002.087 |
| S1 Cap/Accu: 15/0.002 kg | Free memory: 1146 KB |

- 4. Info screen will be displayed for few seconds and then SI goes back to the application mode.

3.10. Coupled PLU

For selling more than one PLU as a package. The coupled PLU is recalled automatically.

4. Function Preset

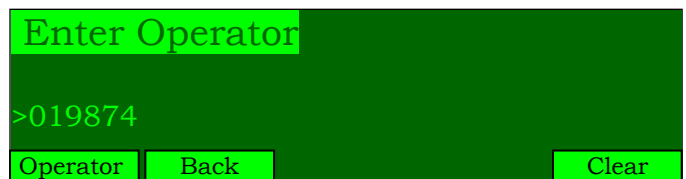
For assigning the function to preset keys refer Preset programming section.

4.1. Operator

This function preset key is for selecting the current operator. Maximum 4 active Total Label can be in unclosed Total labeling condition. This is provided in addition to normal.

- If assigned preset key for Operator is pressed. The below display is prompted.

- Enter the Operator number and press Operator soft key. If operator is having a password, please enter after the operator number. Leading zero is required for single digit operator number with password.



For instance if operator number is 1 and password is 9874, then enter as 019874.

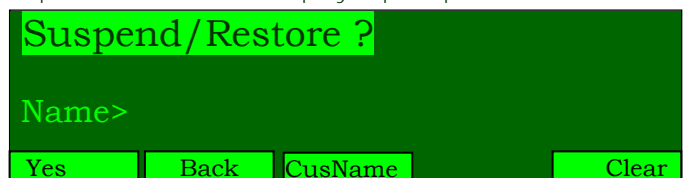
- If the operator is not programmed or password is wrong or already 4 active operators are there, "OP ERR" message is shown.

4.2. Suspend/Restore

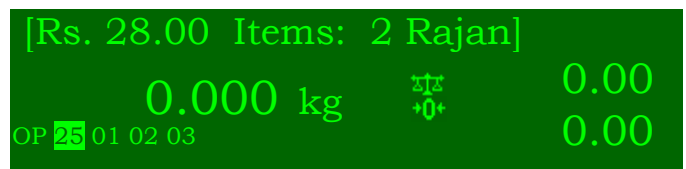
Each operator can suspend one Total Label. This function preset key will suspend current Total Label if any and restore the Total Label which is suspended last if any.

- If assigned preset key for Suspend/Restore is pressed. The below display is prompted.

- Enter the name of the customer (15 characters maximum) and press CusName soft key. It is recommended starting customer name with a space for readability when displaying it.



- Now press Yes soft key. The current Total Label is suspended with "Name" reference and restores last suspended Total Label (for instance Rs. 28.00 items: 2, "Rajan").



- The display will look as opposite.

4.3. Item Discount

This function preset key is for Entering and Viewing the Item Discount for the current Total Label. This is provided in addition to normal discounts.

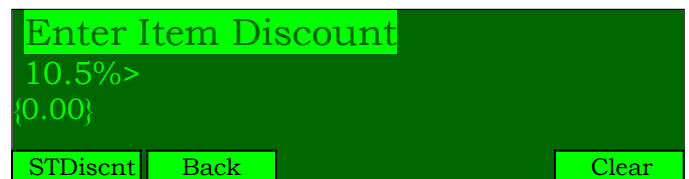
- If assigned preset key for Item Discount is pressed. The below display is prompted. We can enter in three methods 1. Direct Value (5.00). 2. Percentage (2.5%) 3. Discount Linking (1L). The linked number should be available.
- Enter the Item Discount value and press IDiscnt soft key. We can see the previously entered Item Discount value in the {0.00}. This display reverts to application screen.



4.4. Sub-Total Discount

This function preset key is for Entering and Viewing the Sub-Total Discount for the current Total Label. This is provided in addition to normal .

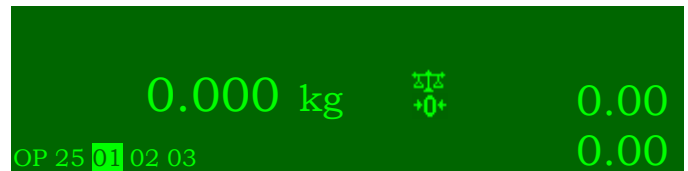
- If assigned preset key for Sub-Total Discount is pressed. The below display is prompted. We can enter in three methods 1. Direct Value (5.00). 2. Percentage (2.5%) 3. Discount Linking (1L). The linked number should be available. In linking Discount Type and First Discount is valid for Sub-total.
- Enter the Sub-Total Discount value and press STDiscnt soft key. We can see the previously entered Sub-Total Discount value in the {0.00}. This display reverts to application screen.



4.5. Digital Tare

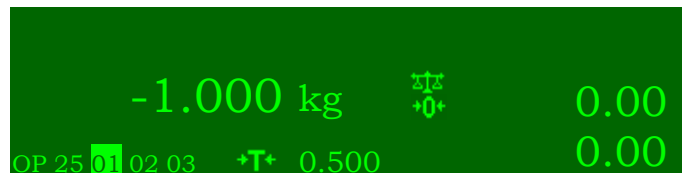
This function preset key is for doing digital tare.

Before doing digital tare display will look as shown.



If assigned preset key for Digital Tare is pressed corresponding value will be tared automatically.

Eg. If Tare value for Tare number 1 is programmed as 0.500 and assigned preset key for digital tare 1 is pressed then 0.500 kg will be tared as shown.



4.6. Date and Time Display

If current operator is not having any pending Total Label for last 60 seconds and scrolling is not enabled, then the Date and Time is shown in display until a PLU is selected and Labeling operation is done.



5. Reports

5.1. Clear Reports



Reports can be cleared at any time. Either all or only set of reports can be cleared. When Reports memory is full, Please clear using this operation.

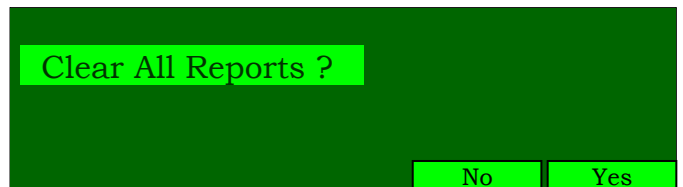
'Menu> Reports > Clear Reports'

5.2. All Reports

This clears all reports, previous Total Labels, Total Labels summary and resets Label number. PENDING KOTS, LOGGED IN OPERATORS, UNCLOSED BILLS AND INVENTORY ARE NOT CLEARED.

When 'Menu> Reports> Clear Reports> All Reports' is selected, **"Clear All Reports?"** Message will be displayed.

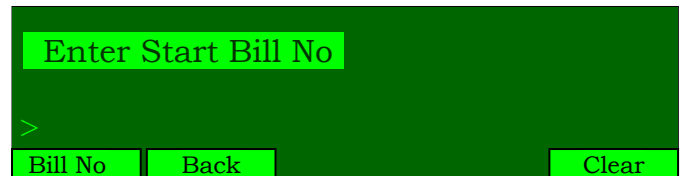
Press Yes soft key to clear all reports.
"Clearing..." message will be displayed.



Press No soft key to cancel clearing.

If Reports are cleared then "Enter Start Bill No" message will be displayed.

If you want start Total Label No as 1 then press Back soft key. Otherwise enter start Label number (Any number between 1 and 90000) and then press Bill No soft key.



6. Application Screen Calibrate Label(LABEL)

Press any numeric key and press  Feed key.

X. TECHNICAL SPECIFICATIONS

Basic Specification:

| | |
|----------------------------|--|
| Model Number | SI-810PR |
| Description | SI-810PR Label Printing Scale. |
| Weighing Units | g, kg (selectable) |
| Maximum Display Resolution | Max. 1/15500 |
| Internal Resolution | Max. 1/620000 |
| Processor | 32-bit ARM processor |
| ADC | 20 bit precision delta-sigma |
| Weight Sensor | Load cell |
| Calibration Method | Software calibration |
| Calendar/Clock | Date/Time available through in-built RTC |

Environmental condition:

| | |
|-----------------------|------------------------------|
| Power Supply | 230V AC, 50Hz, +/-10% |
| Power Consumption | 30 W (MAX) |
| Operating Temperature | 0°C to 45°C |
| Operating Humidity | Max. 85% Rh (non-condensing) |

Model approval:

| | |
|----------------------|------------------------------------|
| Weight & Measures | Class III Model approval from RRSL |
| Bench/TT - Class III | |

Display:

| | |
|---------------------|---|
| Operator Display | 256x64 pixels Graphical Dot Matrix LCD Display with Green Black Light |
| Display Active Area | 102mm x 26mm |
| Customer Display | 256x64 pixels Graphical Dot Matrix LCD Display with Green Black Light |
| Display Information | <ul style="list-style-type: none"> • 20 Character PLU Name/Sub Total and Items • Unit Price : 6 digits (max 9999.00) • Total Price : 6 digits (max 9999.99) • Weight : 6 digits (Wt max 999.999, Qty max 9999) • Tare : 6 digits • 4 Active Operators |

Label Printer

| | |
|--------------------------|---|
| Effective Printing Width | 54mm(448 dots) |
| Speed | 80mm/sec minimum |
| Label Size | <ul style="list-style-type: none"> • Width Min(20mm), Max(62mm) • Length Min(20mm), Max(110mm) • Thickness Max(170micron) |
| Barcode | EAN-13 , CODE128(A,B,C) and optional QR CODE |
| Fonts | <ul style="list-style-type: none"> • 2 Fonts(9*17 & 12*24) • 9*17 maximum 48 character without magnification • 12*24 maximum 36 characters without magnification • 6 times magnification in X and Y direction • Rupee Symbol |
| Logo Bit Image Memory | 64KB |
| Label Roll Diameter | Outer Dia Max(120mm), Inner Dia 28mm |

Key Board

| | |
|-----------|---|
| Key Board | Total Keys 55, key type – Tact Switch - Preset keys – 30(3 pages for PLU/preset function recall) - Numeric keys – 11 - Function keys – 9 - Soft keys – 5 |
| Key Sheet | Polyester |

Printing Information:

| | |
|--------------------------|---|
| PLU No. | 4 digit (1 to 9999) |
| PLU Name | 20 Characters 2 Lines & 9 Characters Single Line |
| Unit Price | <ul style="list-style-type: none"> • 6 digit (999.99) • If price is >999.99 then it will print as max as 9999.9 Eg: For Rs.1000.00 it will print as 1000.0 |
| Total Price (Item) | 7 digit (9999.99 or 99999.9) |
| Total Label Total Amount | 12 digit (9999999999.99) |

Mechanical:

| | |
|-------------------|--|
| Console MOC | Base = MS ,top Housing = ABS plastic |
| Console Dimension | Length = 490mm, Width = 360mm, Depth = 450mm |

Standard Interface Feature:

| | |
|--------------------|--|
| External Interface | <ul style="list-style-type: none"> • PS/2 Interface for Keyboard/Scanner • RS232 – 1No • Ethernet |
|--------------------|--|

Factory Option:

| | |
|--------------------|------------------------|
| External Interface | USB Host GPRS Modem |
|--------------------|------------------------|

Standard Feature:

| | |
|-------------|--|
| Memory | 2MB (Expandable upto maximum 4 MB with additional price) |
| PLU | 5000(name, code, group, price, tax, discount, tare, etc) |
| Departments | 99 (name, tax, & discount) |
| Groups | 999 (name, department, tax & discount) |
| Operators | 25 (name & password) |
| Taxes | 9 (name, type & rate) |

| | |
|---------------------|---|
| Tares | 99 (name, value) |
| Barcodes | 99(name, type, data, etc) |
| Ingredients | 999(name, name, line1-line15(max 48 chars each line)) |
| Messages | 999(name, text(max 48 chars)) |
| Logos | 99(64KB maximum) |
| Label Designs | 99 |
| Scroll Message | 9(name, text(max 150 chars)) |
| Header/Footer | 5 Lines (32 characters).Bold Option (16 characters) for each line |
| Total Label Storage | Last 2000 bills (5 items per bill) |
| Total Label Summary | Last 3500 |
| Functional/Features | <ul style="list-style-type: none"> • Browse current added items (Current/Previous) for editing • Void the last item • Item Discount & Sub-Total Discount • Global control of Tax, Discount, Inventory etc • Price rounding to either Rs. 0.50/1.00 • Easy Menu for entering data, programming, commands etc • Weight Data Output on RS232 • Hot PLU to reduce add operation • Join the same PLU together if conditions OK. • One Label Suspend per operator. • External Scale connectivity(Standard scales, PG/FB and AJ/HT/HTR) • Operator password to avoid mix-up. |

Application Software:

“RXPR App Link 16.XX” with Multi PLU Master, PLU Mapping, PLU Manager, Programming, Programming Mapping, Reports, Receive Bills, Label Designer, Scale Manager, File Manager, Configuration, Cloning, Windows Service and Scheduler etc.

“RXPR ETLDRV 17.XX” driver version

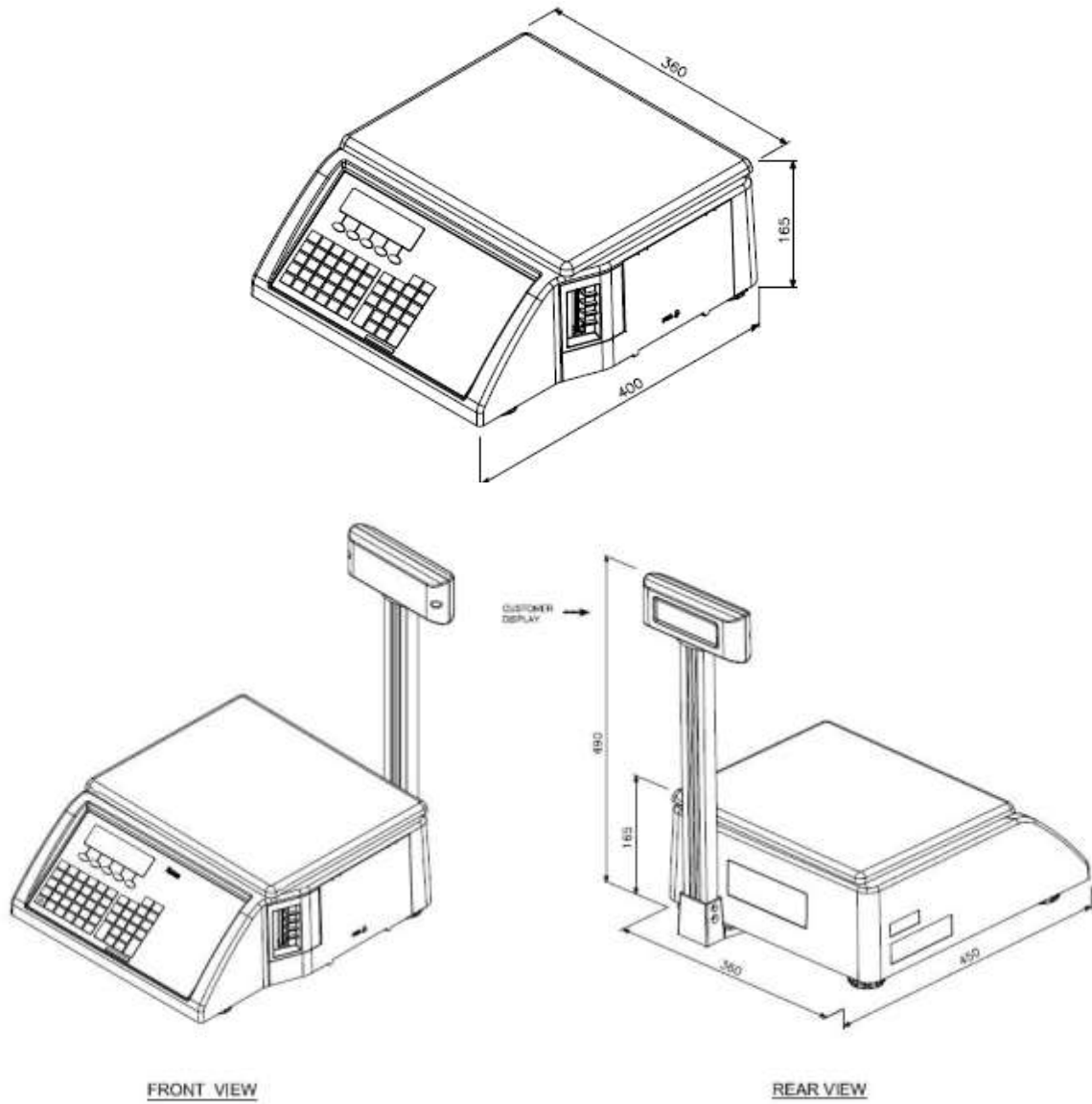
Multiple Scale with Ethernet network and Single machine with RS-232 Interface

Annexure

| Capacity & Accuracy | Resolution | Tare value | Platform Size (mm) | Platter MOC | Product code |
|---------------------|------------|------------|--------------------|-------------|--------------|
| 6kgx1g | 1/6000 | -2.999kg | 280(W) X 340(L) | | |
| 15kgx2g | 1/7500 | -7.498kg | 280(W) X 340(L) | | |
| 31kgx5g | 1/6200 | -15.495kg | 280(W) X 340(L) | | |

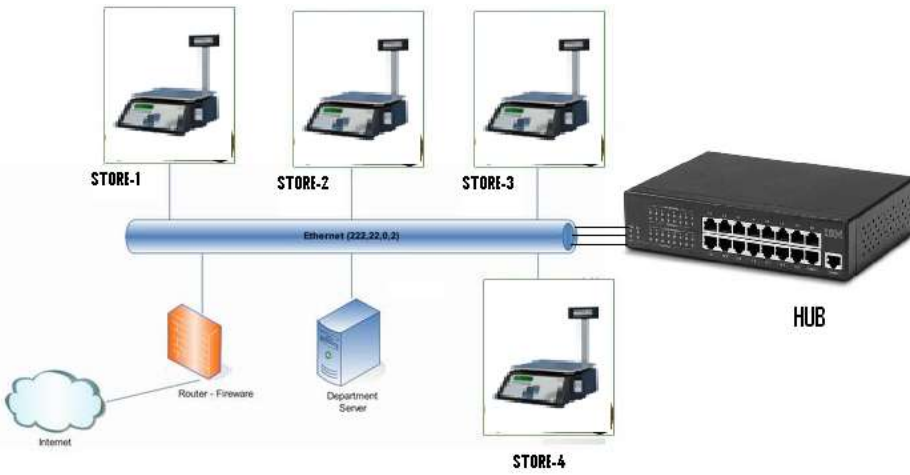
SCHEMATIC DIAGRAM FOR SI-810LPR

All dimensions are in mm



Application - Multiple Scale with Ethernet network

Note: Hub, PC, Server, Router, Cable and Cable routing are customer scope



Application - Single machine with RS-232 Interface



XI. DISPLAY MESSAGES

- **PRINTER HEAD OPEN!**
Message with Label Printer when head is not closed
- **PRINTER DOOR OPEN!**
Message with Label Printer when printer is not closed fully
- **NO PAPER!**
When no print media is present.
- **TAKE PRINTED LABEL!**
When last printed Label is not removed from current position.
- **Zero Error.**
Message occurs when weight on the platter is less than the value set in PON Zero start Range.
- **Underflow**
Message occurs, when weight on the platter is less than 5% of scale capacity
- **Overflow**
Message occurs, when weight on platter is greater than capacity + 9d on the scale.
- **Memory Low**
Message occurs, when available data memory is less than 25k byte.
- **Accepted**
Message occurs while setting user password, when new password set matches with Retype password.
- **Cleared**
Message occurs when user password is cleared.
- **NO TAXES! ADD NEW**
Message occurs when no Tax is programmed and '*Menu> Programming>Tax*' option is selected.
- **NO DISCOUNTS! ADD NEW**
Message occurs when no discount is programmed and '*Menu> Programming> Discount*' option is selected.
- **Deleting PLUs**
Message occurs while deleting all PLU records.
- **Save and Exit**
Message occurs when PLU records are edited and without saving the changes Back soft key is pressed.
- **Memory Error**
Message occurs during internal fatal error.
- **Printed Successfully**
Message occurs when data is printed successfully.
- **Printing Cancelled**
Message occurs when cancel soft key is pressed during printing.
- **Printer Busy**
Message occurs when printer buffer is full or printer is busy.
- **Stock NOT there!**
If inventory is enabled and if available PLU stock is less than item wt/qty to be transacted.

- No Item!
During transaction if item price is zero.
- Total Price > Rs. 99999.9
During transaction if total price exceed 99999.9.
- Total less than zero
If subtotal becomes less than zero.
- PLU ERR
If entered PLU number is not programmed.
- QTY ERR
If entered value for quantity is greater than 99.
- PRICE ERR
If entered value for price is greater than 999.99
- OP ERR
If entered operator number is not programmed.
- STDISCNT ERR
If entered discount value is greater than 100.
- IDISCNT ERR
If entered discount value is greater than 100.
- Total Price <= Zero
If item discount greater than 100 % of item price.
- Please Place another Item!
If previously transacted item is still present on the platter.
- Login Operator
If no operator is present.
- Unclosed Bills Exists
If operator is trying to log out without closing current or suspended Total Label.