

# Embedded touch screen electronic cash register



## English operating instructions for cash register

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# Unboxing

The customer should unpack and inspect immediately after receiving the machine. If there is any damage, the customer should immediately make a claim to the shipping company and report to the manufacturer. After unpacking, check whether the spare parts are complete. The following list is a regular spare part:

- 1 power cable
- 1 AC adapter 12V
- 1 roll of paper

# Installation Preparation

Check the working environment: As the cash register is a precision instrument, it should be checked whether the surrounding working environment meets the technical specifications of the cash register before use. If it does not match, please do not use the cash register. The main technical specifications are as follows:

- Power input: AC110-220V  $\pm$  10%
- Frequency: 50/60Hz
- Operating temperature: 0 °C ~ 45 °C
- Storage temperature: -10 °C ~ +60 °C
- Relative humidity: 5% ~ 90% (no condensation)

**Note:**

- The cash register must be powered by three plug sockets with ground wire.
- In order to ensure the stability of the voltage, do not power the cash register with other height-power appliances, such as freezer, fryer, electric steamer, etc.
- when connecting a serial device, be sure to power off the cash register.

# Ports Description

(1) The serial communication ports and the USB ports:



The cash register has 2 serial ports (9-pin serial port): COM1 and COM2. They can connect to the electronic scale, label printer or kitchen printer.

The cash register has 2 USB ports. The upper one is called USB1 and the lower one is called USB2. The USB1 can connect to the USB flash disk, USB mouse, USB keyboard or USB barcode scan. The USB2 can connect to the USB mouse, USB keyboard or USB barcode scan.

**Note:** the USB flash disk can only connect to the USB1.

(2) Power switch: Press the button marked in the following picture.



(3) Loading paper:



Step 1: Open the cover



Step 2: Load the paper

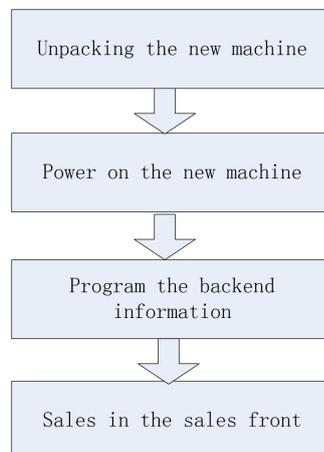


Step 3: Pull out a piece of paper



Step 4: Tighten the cover

## Use Flow



# I. Sales Front

## 1. Front login

Turn on and display the connection interface on the front :



Then log in with a username and password.

**Users:** Enter the username here. There are two types of users. One is the administrator, the other is the cashier. The administrator username is set to 8001. The cashier username can be edited in the background, starting from 1001. The administrator has the authority to delete records, set the system time, and upgrade, while the cashier does not have these rights.

**Password:** Enter the password here. The default password for administrators is 6666, while cashiers do not have a default password. The administrator password can be changed by clicking [Program] + [System] + [System Password Setting]. Please refer to Section 5.5 Setting the System Password in Background Management III for details. The cashier password can be changed by clicking [Program] + [Data] + [Others] + [Cashier] + [Edit]. Please refer to Section 2.4.1 Cashier in Background Management III for details.

**Note :** If you forget the new password, both administrators and cashiers can log in with the super password 20121212.



Then click on the key to access the sales interface:

POS:002	Table	Head:1	Fruit	Vegetable	Drink	Package	Tea	DPT UP	
Clerk01	Rcpt0001	15:56Thur	Nuts	Bread	Depart08	Depart09	Depart10	DPT DOWN	
Name	Quantity	Amount	samees23e	Apple	Kiwi	Coconut	Durian	Mangosteen	
			10.00	6.00	20.00	5.00	50.00	30.00	
			Chayote	weee					
			20.00	10.00					
								PLU UP	
								PLU DOWN	
Sub:		0.00							
EatIn	+1	-1	Trade View	PLU View	No.	1	2	3	Subtotal
Refund	Cancel	Gift	Single-%	Table/Add	Recharge	4	5	6	Signing
SCRSAVE	Taste#	Garnish	Subtotal	ClrTdsct	DrawerInfo	7	8	9	Card
Exit	OpenDraw	Subtotal-%	Pending	Invalid	Clear	0	.	00	Cash

The sales interface can be divided into 4 parts, as marked above.

(1) **Display area**: it will display ordering information, including PLU name, quantity, price, subtotal, number of people, table, time, etc.

(2) **DPT keys**: they are used to select different departments of PLUs. Since some PLUs have common features among a wide variety of PLUs, they can be classified into departments by their common attributes. For example, if the PLUs are classified as fruit, vegetable, drink, and so on. That is to say, the DPT keys can be “fruit”, “vegetable”, “drink”, and so on. Then the PLU “apple” can be classified as “fruit”, and the PLU “carrot” can be classified as “vegetable”.

(3) **PLU keys**: they are used to select different PLUs.

(4) **Function keys**: they are mainly used to explain the products, change the ordering information, input the numbers and perform payment operations, etc. The contents of function keys can be self-defined according to the actual need. See steps in II.

**Note:** The areas of the DPT keys, PLU keys, and function keys can not be self-defined.

## 2. Sales step

Examples of two kinds of sale receipts are as follows:

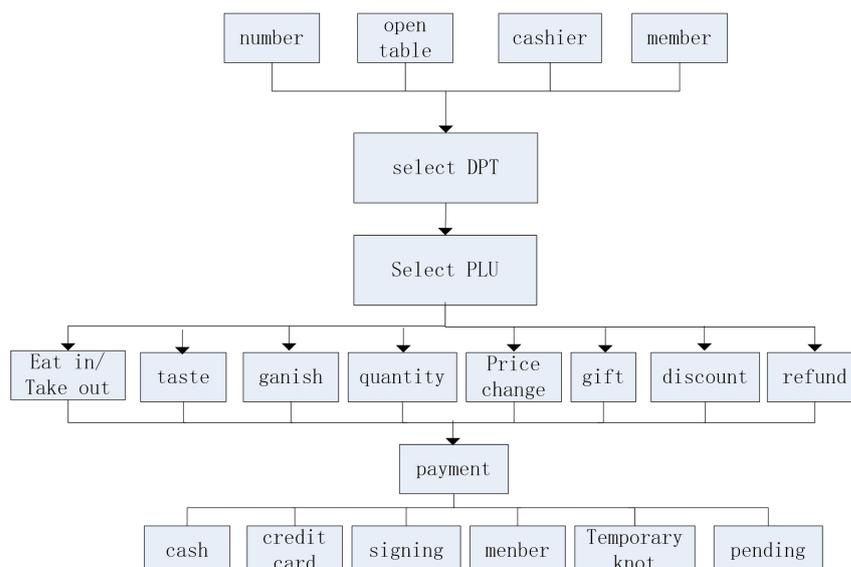


Food: order+taste+garnish  
+discount+subtraction+in-price tax

Food: table+taste+garnish  
+discount+subtraction+out-of-price tax

## 2.1 General process

A simple sale flow chart is as follows:



The simplest sales operation steps: Select the PLUs ordered by the customer via PLU keys ->

Cash

Input the amount of payment via the number keys ->click **Cash**, and the system automatically pops out the cash drawer and prints the receipt -> After changing, close the cash drawer.

Based on this, you can open a table, input member code for points or enter the clerk code for statistics on the sales performance before sales.

After selecting the PLUs, you can perform some operations such as changing taste, adding garnish, and selecting eat-in/take-out according to actual need. You can also perform some operations on the PLU information, such as discounts, change price, change quantity, refund, etc.

There are many payment methods, including cash, credit card, signing, membership card, etc. For customers who do not pay after ordering, you can choose pending or table pending.

## 2.2 Change

Take selling an apple as an example, the price is 4\$, the customer gave 10\$, and 6\$ should be changed. The operation is as follows: click the PLU key [apple], input "10" via the number keys,

Cash

then click the **Cash** key, and display as follows:

POS:002	Table	Head:1	
Clerk01	Rcpt0005	09:42Fr i	
Name	Quantity	Amount	Ta
apple	1	4.00	
Cash		10.00	
Change		6.00	

## 2.3 Multiple sales

2

Espresso  
12.00

**Method 1:** For example, sell two "Espresso". Click **2** + **Espresso 12.00**. Display as follows:



POS:002	Table	Head:1
Clerk01	Rcpt0008	09:44Fri
Name	Quantity	Amount
Blue Mountain Coffee	1	12.00
Blue Mountain Coffee	1	12.00
Blue Mountain Coffee	1	12.00
Blue Mountain Coffee	1	12.00
Blue Mountain Coffee	1	12.00
Blue Mountain Coffee	1	12.00
Sub: In		72.00

## 2.4 Discount sales

### 2.4.1 Open discount

Input the discount rate directly. For example, 10% off the current receipt. Input “10” via the number keys, then click **Sub-%** key. Display as follows:

POS:002	Table	Head:1
Clerk01	Rcpt0009	09:45Fri
Name	Quantity	Amount
Blue Mountain Coffee	1	12.00
Espresso	1	12.00
Coffee Americano	1	24.00
Sub-%10%		-4.80
Sub: In		43.20

### 2.4.2 Fixed discount

If the key **Sub-%** is set to a fixed discount rate in the backend, click the key directly.

### 2.4.3 Input the amount of discount

For example, a discount of 0.2 \$. Input “0.2” via the number keys and then click **Sub-**.

Display as follows:

POS:002		Table	Head:1
Clerk01		Rcpt0010	09:46Fr i
Name	Quantity	Amount	Ta
Blue Mountain Coffee	1	12.00	
Espresso	1	12.00	
Coffee Americano	1	24.00	
Sub-		-0.20	
Sub: In		47.80	

#### 2.4.4 Clear the total discount

This function is very convenient when we have discounted the customer and the customer does not check out. For example, a 10% discount has been given to the customer, and the customer does not check out at this time but wants to add PLUs. Click the function key , It will restore the amount before the discount. The interfaces before and after the restoration are as follows:

POS:002		Table	Head:1
Clerk01		Rcpt0011	10:07Fr i
Name	Quantity	Amount	Ta
Blue Mountain Coffee	1	12.00	
Espresso	1	12.00	
Coffee Latte	1	12.00	
Sub-%10%		-3.60	
Sub:		32.40	

POS:002		Table	Head:1
Clerk01		Rcpt0011	10:07Fr i
Name	Quantity	Amount	Ta
Blue Mountain Coffee	1	12.00	
Espresso	1	12.00	
Coffee Latte	1	12.00	
Sub:		36.00	

#### 2.5 Gift

For example: click  + , it will display as follows:





## 2.9 Eat in/ Take out

Choose to eat in or take out from the restaurant. If the default setting is eat-in, press the function

key  can switch to take-out. And press  can switch to eat-in again.

## 2.10 Clear payment

Clear paid items before full payment.

For example, a customer bought a cherry for 47\$ and paid 10\$ with a coupon, as shown below.

POS:002	Table	Head:1
Clerk01	Rcpt0019	10:33Fri
Name	Quantity	Amount
cherry	1	47.00
Cash		10.00
Need In		37.00

The customer suddenly wanted to pay for all the items in cash. The paid items of 10\$ must be



cleared at this time. Click the function key , and display as follows:

POS:002	Table	Head:1
Clerk01	Rcpt0020	10:34Fri
Name	Quantity	Amount
cherry	1	47.00
Cash		10.00
Cash		-10.00
Sub:		47.00

## 2.11 Garnish

Choose a garnish for PLU. Garnish can not be sold alone. Note that no additional price is required for taste, but the garnish is needed. For example, after choosing a PLU “Chayote”, click



. It will display as follows:

Name	Quantity	Amount	Ta
samees23e	1	10.00	
Apple	1	6.00	
Chayote	1	20.00	
Sub:		36.00	

Select Garnish				
peanut	egg			
PG UP	PG DOWN	Clear	Enter	Exit

EatIn	+1	-1	Trade View	PLU View	PG UP	PG DOWN	Clear	Enter	Exit
Refund	Cancel	Gift	Single-%	Table/Add	Recharge	4	5	6	Signing
SCRSAVE	Taste#	Garnish	Subtotal	ClrTDscent	DrawerInfo	7	8	9	Card
Exit	OpenDraw	Subtotal-%	Pending	Invalid	Clear	0	.	00	Cash

Then select a garnish "peanut" or "egg" from the pop-up form.

## 2.12 Taste

Remarks on a PLU, including taste, cooking method, order of serving, etc. Mainly used for kitchen printing. For example, select the PLU [Chayote], and then click the function key



. Pop up the taste selection form as follows:



## 2.15 Number key

The number key is only used to enter numbers, not for statistics. For example, to enter a phone number. Input 13822225555, then click **No.** . It will display as follows:

**No.** 13822225555 .And the phone number will be printed on the sale receipt.

## 2.16 Screensaver key

If the cashier leaves for a while and doesn't want to quit the sale, the cashier is also worried about other people using the cash register, the cashier can use the function. Click **SCRSAVE** to enter the screen saver state. At the same time, it will pop up a login window as follows:



The screenshot shows a login window with a blue title bar that says "Exit screen save". Below the title bar, the text "Please enter a password!" is displayed. Underneath, there is a label "InputPassword:" followed by a white text input field. Below the input field is a numeric keypad with buttons for digits 1 through 9, 0, and a decimal point. To the right of the keypad are two buttons: "Cancel" and "Enter".

When the cashier comes back, touch the screen to display the login window, then enter the password to return to the sales interface.

## 2.17 Drawer information

**Drawer Info**

Click **Drawer Info** , the pop-up window will display the drawer information and sales performance of the cashier on duty. Click **ToDay** in the pop-up window, it will display the sales performance for the day.

Cashier DrawInfo			Cashier DrawInfo		
Payment	Quantity	Amount	Payment	Quantity	Amount
Cash	0	0.00	Cash	24	734.00
Card	0	0.00	Card	0	0.00
Signing	0	0.00	Signing	0	0.00
Credit	0	0.00	Credit	0	0.00
Check	0	0.00	Check	0	0.00
Member	0	0.00	Member	0	0.00
Paym07	0	0.00	Paym07	0	0.00
Paym08	0	0.00	Paym08	0	0.00
Paym09	0	0.00	Paym09	0	0.00

Buttons: On duty, ToDay, Print, Exit

**Note:** Only authorized cashiers can view cash drawer information. Permissions need to be set in the backend.

## 2.18 Exit the front sales



Click  to pop up the exit interface. There are 3 ways to exit.

Cashier Shift				
Payment	Amount	Total Amt:	Input Amt	
Cash	0.00	0.00		
Card	0.00	1	2	3
Signing	0.00			
Credit	0.00	4	5	6
Check	0.00			
Member	0.00			
Paym07	0.00	7	8	9
Paym08	0.00			
Paym09	0.00	0	.	Clear

Buttons: Declare, Shift, PayOut, ExitSales, Exit

### (1) Exit sales



Click , and exit the sales front directly.

### (2) Shift and exit sales



Click , exit the sales front, and print the sales report.

### (3) Declare the cash box amount and exit sales

First, the cashier should make statistics on the amount of all kinds of payments.

Second, the cashier should declare the amount of all kinds of payments as follows:

Cashier Shift		Total Amt:	Input Amt:	
Payment	Amount	0.00	200 .	
Cash	0.00	1	2	3
Card	0.00	4	5	6
Signing	0.00	7	8	9
Credit	0.00	0	.	Clear
Check	0.00			
Member	0.00			
Paym07	0.00			
Paym08	0.00			
Paym09	0.00			

Declare   Shift   PayOut   ExitSales   Exit

Declare

Third, click , it will display as follows:

Cashier Shift		Total Amt:	Input Amt:	
Payment	Amount	200.00		
Cash	0.00	1	2	3
Card	0.00	4	5	6
Signing	0.00	7	8	9
Credit	0.00	0	.	Clear
Check	0.00			
Member	0.00			
Paym07	0.00			
Paym08	0.00			
Paym09	0.00			

Declare   Shift   PayOut   ExitSales   Exit

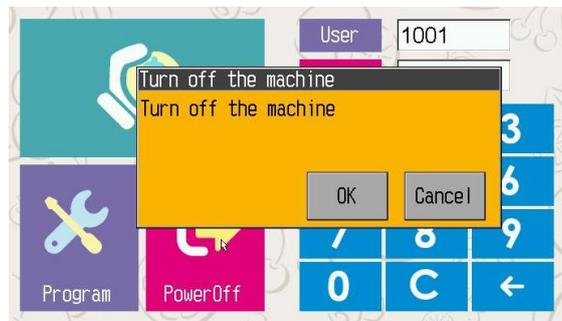
Shift

Finally, click .The printed receipt will show the difference between the system's statistical amount and the declared amount as follows:



## 2.19 Shut down

In the login interface, click  +  to shut down automatically.



## 2.20 Table pending

(1) open a table

Method 1: Click  +  to open table 1. Click  again for pending.



Before checkout, a full bill of consumption must be printed to the customers. Click

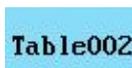


#### (4) Check out

Method 1: Click  +  +  .-

Method 2: Click  +  +  +  .

#### Attachment: turn table

For example: table 2 goes to table 5 for checkout. Click  +  +  +  .

## II. Function Keys Setting

### 1. Function keys setting interface login

(1) In the front login interface, input the user name (1001 by default ) and the password . Then

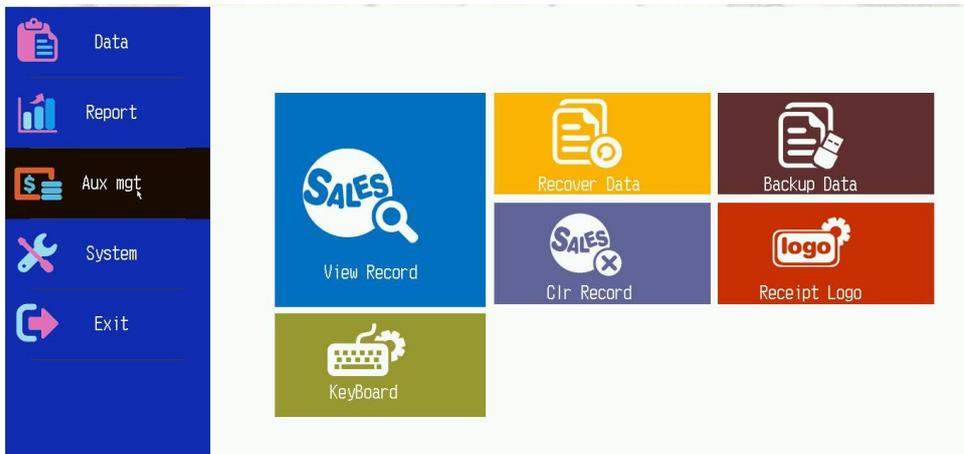
click  :



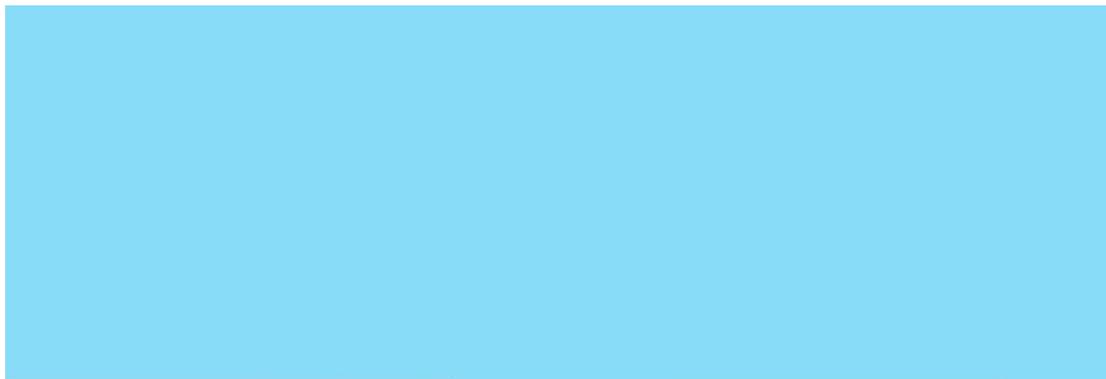
It will enter the backend management interface as follows:



Then click , it will display as follows:

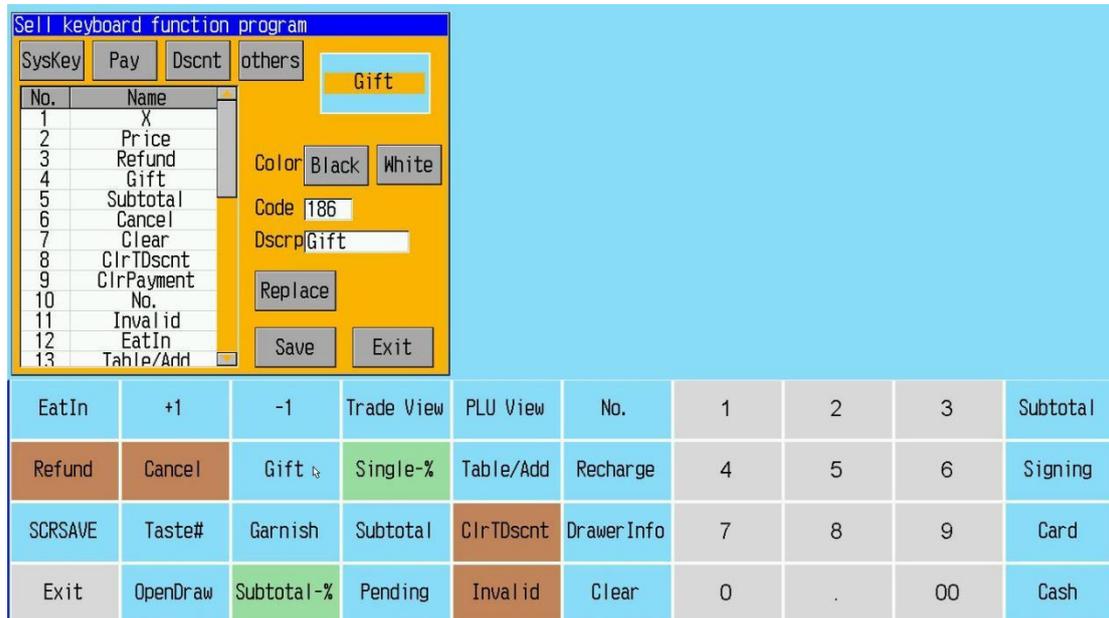


Then click , it will display as follows:



EatIn	+1	-1	Trade View	PLU View	No.	1	2	3	Subtotal
Refund	Cancel	Gift	Single-%	Table/Add	Recharge	4	5	6	Signing
SCRSAVE	Taste#	Garnish	Subtotal	ClrTDscnt	DrawerInfo	7	8	9	Card
Exit	OpenDraw	Subtotal-%	Pending	Invalid	Clear	0	.	00	Cash

(2) Press a function key such as  , a form will pop up showing all function keys as follows:



No.	Name
1	X
2	Price
3	Refund
4	Gift
5	Subtotal
6	Cancel
7	Clear
8	ClrTDscnt
9	ClrPayment
10	No.
11	Invalid
12	EatIn
13	Table/Add

EatIn	+1	-1	Trade View	PLU View	No.	1	2	3	Subtotal
Refund	Cancel	Gift	Single-%	Table/Add	Recharge	4	5	6	Signing
SCRSAVE	Taste#	Garnish	Subtotal	ClrTDscnt	DrawerInfo	7	8	9	Card
Exit	OpenDraw	Subtotal-%	Pending	Invalid	Clear	0	.	00	Cash

## 2. Usage of function keys

The main function keys are used as follows:

**[Cancel]:** Cancel discounts, PLUs, etc.

**[Change]:** Change the number of PLUs sold.

**[Clear]:** Clear the input.

**[ClrTDscnt]:** Clear the discount of the subtotal.

**[ClrPayment]:** Clear paid items before full payment.

**[DPT UP]:** Page up on DPT.

**[DPT DOWN]:**Page down on DPT.

**[DrawerInfo]:** View the amount in the cash drawer. You can view the amount on the shift or on the day.

**[EatIn]:** Eat in the restaurant.

**[Garnish]:** Add garnish.

**[Gift]:** Gift a PLU.

**[Head]:** Number of heads.

**[Invalid]:** Cancel an order.

**[Member]:** Enter the membership number. Before sales, press the member code + [Member], or press [Member] to pop up the interface to search.

**[No.]:** Input number.

**[NO Tax]:** Tax-free.

**[OpenDraw]:** Open the drawer.

**[Pending]:** Pend an order or take an order. Mainly used in the retail industry, such as when customers need to choose other PLUs when checking out.

**[PLU]:** Sell PLU with in-store code. For example, apple's code is 101. When selling apples, you

can press the [apple] key, or you can press 101 + [PLU].

**[PLU View]:** View PLU information.

**[Price]:** Change the temporary price of PLU at sale.

**[PLU UP]:** Page up on PLU.

**[PLU DOWN]:** Page down on PLU.

**[PrintSW]:** Key to receipt printer.

**[Refund]:** Refund a PLU.

**[SCRSAVE]:** Enter screen saver state.

**[Seller]:** Invoke a seller for statistics on sales performance under PLU sales mode. After pressing the seller code + [Sales], the sales operation will be set as the performance of this seller.

**[Subtotal]:** Subtotal or Reprint receipt.

**[Table/Add]:** Open a table or add PLUs.

**[Takeout]:** Take out from the restaurant.

**[Taste#]:** Notes on taste.

**[TradeView]:** View recent transaction receipts.

**[X]:** Get the weight of the electronic scale. It can also be used as a multiplication sign.

**[+1]:** +1 in quantity.

**[-1]:** -1 in quantity.

**Comment:** The two types of function keys, "Pay" and "Dscnt", correspond to the functions of payment and discount respectively. The usage of these function keys can be edited in the backend. See steps in 2.4 payment and discount of III.

### 3. Function keys self-definition

There are many function keys, but the sales interface can display only a few. If the required function key is not in the sales interface, you need to replace one of them.

For example, replace the key [ Gift ] with the key [ No. ]. First switch to the function keys setting interface, and then follow the order marked in the figure below.

SysKey	Pay	Dscnt	others
No. 2			Gift
1	X		
2	Price		
3	Refund		Color Black White
4	Gift		Code 186
5	Subtotal		Dscrp Gift
6	Cancel		
7	Clear		
8	ClrTDscnt		
9	ClrPayment		
10	No. 3		Replace 4
11	Invalid		
12	EatIn		Save
13	Table/Ardr		Exit

EatIn	+1	-1	Trade View 5	PLU View	No.	1	2	3	Subtotal
Refund	Cancel	Gift 1	Single-%	Table/Add	Recharge	4	5	6	Signing
SCRSAVE	Taste#	Garnish	Subtotal	ClrTDscnt	Drawer Info	7	8	9	Card
Exit	OpenDraw	Subtotal-%	Pending	Invalid	Clear	0	.	00	Cash

**Note:** The function keys marked in the red frame area below cannot be replaced.

EatIn	+1	-1	Trade View	PLU View	No.	1	2	3	Subtotal
Refund	Cancel	Gift ↵	Single-%	Table/Add	Recharge	4	5	6	Signing
SCRSAVE	Taste#	Garnish	Subtotal	ClrTDscnt	DrawerInfo	7	8	9	Card
Exit	OpenDraw	Subtotal-%	Pending	Invalid	Clear	0	.	00	Cash

## III. Backend Management

### 1. Backend login

Power on the cash register. In the front login interface, input the user name (1001 by default ) and



the password. Then click



It will enter the backend management interface as follows:



Note that only the administrator (user name is 8001, the password is 6666) and the authorized clerks can manage the backend.

## 2. Data management

### 2.1 Dishes management

Click  +  to enter the dishes management interface:



#### 2.1.1 DPT edit

DPTs refer to different departments of PLUs. So edit DPT before editing PLU.



Click **Dpt Edit** to show all the DPTs:

No	Name	KP1	KP2	PckgPLU	newPrice	Dscnt	Plus	Stock	BillPrnt	H-Time	Tax1	Tax2			
1	Fruit	NO	KP	NO	KP	NO	NO	Dis	En	Dis	En	En	NO	1	2
2	Vegetable	NO	KP	NO	KP	NO	NO	Dis	En	Dis	En	En	NO	NO	NO
3	Drink	NO	KP	NO	KP	NO	NO	Dis	En	Dis	En	En	NO	NO	NO
4	Package	NO	KP	NO	KP	YES	NO	Dis	En	Dis	En	En	NO	NO	NO
5	Tea	NO	KP	NO	KP	NO	NO	Dis	En	Dis	En	En	NO	1	2
6	Nuts	NO	KP	NO	KP	NO	NO	Dis	En	Dis	En	En	NO	1	2
7	Bread	NO	KP	NO	KP	NO	NO	Dis	En	Dis	En	En	NO	1	2
8	Depart08	NO	KP	NO	KP	NO	NO	Dis	En	Dis	En	En	NO	NO	NO
9	Depart09	NO	KP	NO	KP	NO	NO	Dis	En	Dis	En	En	NO	NO	NO
10	Depart10	NO	KP	NO	KP	NO	NO	Dis	En	Dis	En	En	NO	NO	NO

Click **Edit** to enter the DPT editing interface.

No	Name	Tax1	Tax2	Stock	HappyTime	Out KP	Out KP2	New Price	Receipt Print
1	Fruit	1	2	<input checked="" type="checkbox"/>	0	NO	NO	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2	Vegetable								
3	Drink								
4	Package								
5	Tea								
6	Nuts								
7	Bread								
8	Depart08								
9	Depart09								
10	Depart10								

**Category Programming**

Name:

Tax1:  Stock:

Tax2:  HappyTime:

Negative Sale:  Out KP:

Discount:  Out KP2:

Plus Discount:  New Price:

All Discount:  Receipt Print:

ab

1	2	3	4	5	6	7	8	9	0	
Q	W	E	R	T	Y	U	I	O	P	
A	S	D	F	G	H	J	K	L	Back	
Shift	.	Z	X	C	V	B	N	M	Enter	
Exit	Caps	Clr	Space				PgUp	PgDwn		

The usage of the keys is as follows:

**Shift** : Input methods switch.

 : English case switch

 : Clear the input.

 : Backspace.

 : OK and save.

**Tax 1:** Select the tax rate for the DPT. (Selecting “0” means no tax ).

**Tax 2:** Select the tax rate for the DPT.

**Discount:** Allow discount for the DPT.

**Plus discount:** Allow a positive discount for the DPT.

**All discount:** Allow the DPT to participate in full order discounts.

**Stock:** Allow the DPT to participate in stock management.

**Happy hour:** select a happy time for the DPT.

**Out KP:** Choosing a kitchen printer for the DPT.

**Out KP2:** Choosing a kitchen printer for the DPT.

**New price:** Allow temporary price changes during sales.

**Receipt print:** Allow the DPT to print to receipt.

**Remark:** Click  to add a new DPT. In the adding interface, the following item is added.

**Is Package:** Whether the DPT is a package department. See 2.1.3 Package editor.

Category Programming	
Is Package	<input checked="" type="checkbox"/>
Name	HappyLunch

## 2.1.2 PLU edit

Click [Data] + [Dishes mgt] +  to enter the PLU editing interface:

PLU Edit										
0%		Scan barcode to search PLU			Add	Edit	Delete	Import	Export	Exit
No	Dpt Name	No.	Name	Price1	Price2	Price3	Stock	BarCode	Cost	
1	Classic coffee	0101	Blue Mountain Coffee	12.00	10.00	0.00	-308.848		18.62	
2	Classic coffee	0102	Espresso	12.00	11.00	0.00	-370.848		0.00	
3	Creative coffee	0103	Coffee Latte	12.00	9.00	0.00	-204.848		0.00	
4	Especially the t	0104	Brazil Coffee	20.00	12.00	0.00	-81.848		0.00	
5	Depart05	0105	Charcoal Roasted Coffee	20.00	12.00	0.00	-1.000		0.00	
6	Natt	0106	Coffee Americano	20.00	12.00	0.00	0.000		0.00	
7	Depart07	0107	weee	10.00	0.00	0.00	-10.000		0.00	
8	fruit	0108	Coffee Americano	24.00	0.00	0.00	-9.000		0.00	

Click  or .

PLU 0801Edit	
Name	<input type="text" value="apple"/>
Bar Code	<input type="text"/>
Price1	<input type="text" value="4.00"/>
Price2	<input type="text" value="0.00"/>
Price3	<input type="text" value="0.00"/>
Stock	<input type="text" value="47.152"/>
Cost	<input type="text" value="0.00"/>

**Name:** PLU name.

**Barcode:** The barcode of the PLU (5-13 digits).

**Price 1:** The price of the PLU.

**Price 2:** The member price of the PLU.

**Price 3:** The member price of the PLU.

**Stock:** The stock of the PLU.

**Cost:** The cost of the PLU.

To edit a PLU, you can find it in the drop-down menu or scan the barcode with a barcode scanner to find it.

### 2.1.3 Package Editor

The package is a combination of multiple PLUs. To add a package, operation as follows:

#### (1) Add a package department.

Click [Data] + [Dishes mgt] + [DPT Edit] + [Add] to add a packaging department such as "HappyLunch". Be sure to choose "Yes" for the "Is Package" item.

**Category Programming**

Is Package

Name: HappyLunch

Tax1: 0

Tax2: 0

Negative Sale:

Discount:

Plus Discount:

All Discount:

Stock:

HappyTime: 0

Out KP: NO

Out KP2: NO

New Price:

**(2) Add a package.**

Click [Data] + [Dishes mgt] + [Package Edit] + [Add] to add a package such as “FamilyLunch”

**Package0910Add**

Name: FamilyLunch

Price1: 99

Price2: 0.00

Price3: 0.00

ItemNum: 6

Optional:

**ItemNum:** The number of PLUs in this package, including the number of optional items.

**Optional:** Does this package have optional PLUs?

**(3) Add PLUs into the package.**

At the bottom of the interface, select a DPT in the left column, and select a PLU in the middle



column. Then click

**Package Edit**

Add Edit Delete Exit

PackageDpt	No.	Name	Price1	Price2	Price3	Item	Optional
HappyLunch	0601	FamilyLunch	99.00	0.00	0.00	4	Yes
HappyDinner							

PLU Dpt	No.	Name	Price		No.	Name	Quantity	Price	Optional
Coffee	0101	Latte	10.00	Add					
Fruit	0102	lue Mountain Coffe	12.00	Delete					
Burgers	0103	Americano	10.00	Modify					
Hot Dishes	0104	Cappuccino	12.00	Clear					
Dessert	0105	Espresso	10.00	Sort					
	0106	Vanilla Latte	12.00						
	0107	Cold Brew	12.00						
	0108	Mocha	14.00						

The usage of other keys is as follows:

**Delete:** Delete a PLU.

**Modify:** If this package has no optional PLUs, modify the quantity (“Qty”) of a PLU. If this package has optional PLUs, you can also modify the “AddPrice” and “Fixed”. “AddPrice”

means the adding price required to select this PLU. Item “Fixed” indicates whether this PLU is fixed in the package. The latter interface is as follows:

PackageItBrazil Coffee>Edit	
Qty	1
AddPrice	0.00
Fixed	<input type="checkbox"/>

**Clear:** Clear all PLUs.

**Sort:** Sort the PLUs in the package.

#### (4) Package Sales

Select a package from the package department, as shown below.

POS:002	Table	Head:1	Classic coffee	Classic coffee	Creative coffee	Especially the tea	Depart05	DPT UP
Clerk01	Rcpt0027	12:52Fri	Natt	Depart07	fruit	HappyLunch		DPT DOWN
Name	Quantity	Amount	FamilyLunch					
			99.00					
								PLU UP
								PLU DOWN
Sub:		0.00						
EatIn	+1	-1	Sub-	PLU View	DrawerInfo	1	2	3
Refund	Cancel	Gift	Single-%	Table/Add	Garnish	4	5	6
SCRSAVE	Taste#	No.	Sub-%	ClrTDscnt	ClrPayment	7	8	9
Exit	OpenDraw	Single-	Pending	Invalid	Clear	0	.	00
								Subtotal
								Head
								Card
								Cash

If this package has optional PLUs, the PLUs fixed in this package are in red font, and the optional PLUs are in gray font, as shown below:

Optional packages				
Blue Moutain Coff	Ice Coffee	Mochaccino	serendipity Ice City	Jasmine Tea
PG UP	PG DOWN	Clear	Enter	Exit



After selection, click , it will display as follows:









MemberEdit0001

Name:

Code:

Level:

Password:

Tel:

**Code:** The code of the member. Must be 5 or more digits.

**Name:** The name of the member.

**Level:** Choose the member level.

**Password:** The login password of the clerk (1 ~6 digits. Usually 4 digits).

**Tel:** The phone number of the member.

## 2.2.2 Member-level management

Before editing the member, you should edit the member level first.



Click [Data] + [Member mgt] +

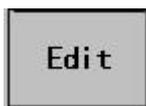
to enter the member level editing

interface:

Member Level Edit

Add Edit Delete Exit

No.	Name	DiscountType	PriceLevel	DiscntRate
1	Level01	Discount	Price1	10
2	Level02	Price	Price1	0
3	Level03	Price	Price1	0
4	Level04	Price	Price1	0
5	Level05	Price	Price1	0
6	Level06	Price	Price1	0
7	Level07	Price	Price1	0
8	Level08	Price	Price1	0
9	Level09	Price	Price1	0



Click

Edit Member Leve01	
Name	VIP
DiscountType	Discount%
PriceLevel	Price1
Discount%	10

**Name:** The name for the member level.

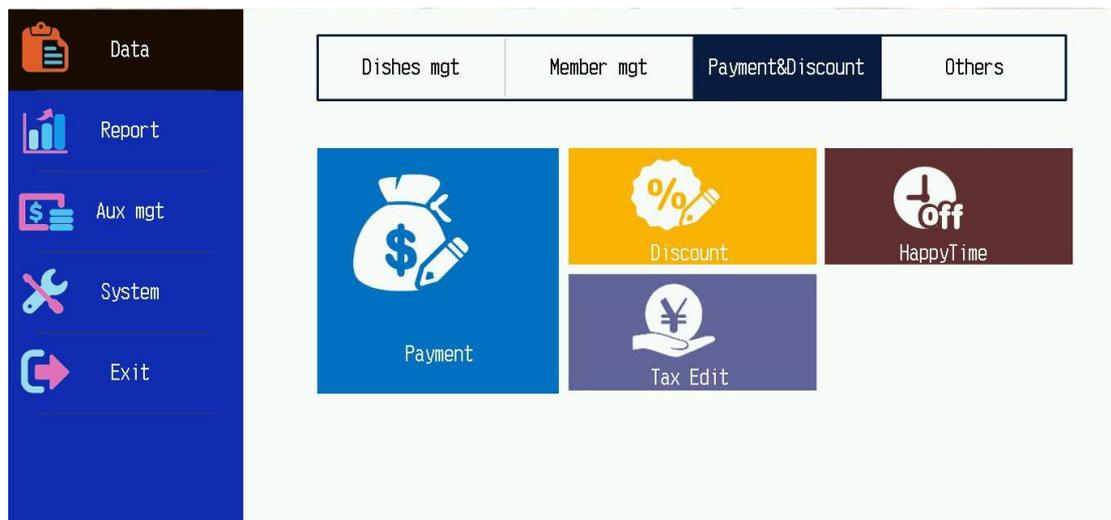
**DiscountType:** Choose whether the discount type is a special price (“Price”) or discount rate (“Discount%”).

**PriceLevel:** If the discount type is a special price, choose the price level here.

**Discount%:** If the discount type is the discount rate, input the discount rate here. For example, 10% off, enter 10.

## 2.3 Payment and discount

Set payment method and discount method to use in function keys.



### 2.3.1 Payment



Click [Data] + [Payment&Discount] +  .

No.	Name	Fix	FixAmt	EnableChange	OpenDrawer	ExchangeRate	DoublePrint
1	Cash	NO	0.00	YES	YES	1.00	YES
2	Card	NO	0.00	YES	YES	1.00	YES
3	Signing	NO	0.00	YES	YES	1.00	YES
4	Credit	NO	0.00	YES	YES	1.00	YES
5	Check	NO	0.00	YES	YES	1.00	YES
6	Member	NO	0.00	YES	YES	1.00	YES
7	Paym07	NO	0.00	YES	YES	1.00	YES
8	Paym08	NO	0.00	YES	YES	1.00	YES
9	Paym09	NO	0.00	YES	YES	1.00	YES



Click **Add** or **Edit**, show as below left. Set a shortcut key for 100 dollars, shown below right.

EdtPayment01	
Name	<input type="text" value="Cash"/>
Fix:	<input type="checkbox"/>
FixAmt:	<input type="text" value="0.00"/>
Change:	<input checked="" type="checkbox"/>
OpenDrawer:	<input checked="" type="checkbox"/>
ExchangeRate	<input type="text" value="1.00"/>
double high	<input checked="" type="checkbox"/>

EdtPayment07	
Name	<input type="text" value="100dollar"/>
Fix:	<input type="checkbox"/>
FixAmt:	<input type="text" value="0.00"/>
Change:	<input checked="" type="checkbox"/>
OpenDrawer:	<input checked="" type="checkbox"/>
ExchangeRate	<input type="text" value="1.00"/>
double high	<input checked="" type="checkbox"/>

**Name:** The name of the payment.

**Fix:** Whether fixed.

**FixAmt:** fixed amount.

**Change:** Whether to change.

**OpenDrawer:** Whether to open the cashdrawer.

**Exchange Rates:** The exchange rate.

**Double High:** Whether double-height printing.

In the sales interface, if the customer gives 100 dollars, you can press the [100dollar] key directly, but not [subtotal] + [100] + [cash].

### 2.3.2 Discount



Click [Data] + [Payment&Discount] +

No.	Name	Type	Add	Object	Class	SubTotal	Max%	Fix%	FixAmt
1	Single-%	Percent	-	Single	free	Dis	99	0	0.00
2	Single+%	Percent	+	Single	free	Dis	99	0	0.00
3	Single-	Amt	-	Single	free	Dis	99	0	0.00
4	Single+	Amt	+	Single	free	Dis	99	0	0.00
5	Sub-%	Percent	-	Subtotal	free	En	99	0	0.00
6	Sub+%	Percent	+	Subtotal	free	En	99	0	0.00
7	Sub-	Amt	-	Subtotal	free	En	99	0	0.00
8	Subtotal+	Amt	+	Subtotal	free	En	99	0	0.00
9	Subtotal+%	Percent	+	Subtotal	free	En	99	0	0.00

Click  or .

EdtDiscount 02	
Name:	Single+%
DiscountMethod:	Percent Fixed amount: 0.00
Whether Add:	<input checked="" type="checkbox"/>
DiscountObject:	Single
DiscountClass:	free
Max%:	99
Fixed%:	0

**Name:** The name of the discount.

**DiscountMethod:** Choose the discount method. “percent” is by the discount rate, and “Amt” is by the discount amount.

**Whether Add:** Whether to add service fees.

**DiscountObject:** Choose the discount object. “Single” means discounting only on the last PLU. “Subtotal” means discounting on the whole receipt.

**DiscountClass:** Choose the classification of discounts. “free” means that the discount rate or amount needs to be input manually when selling. “fix” means it is fixed. “free+fix” means it can be fixed or free. It is fixed when press this key directly, and it is free when you enter the discount rate or amount manually.

**Max%:** the maximum discount rate.

**Fixed%:** Fixed discount rate.

**Fixed amount:** Fixed discount amount.

### 2.3.3 Tax edit



Click [Data] + [Payment&Discount] +

No	Name	Type	Rate(%)	Valid	DoubleHigh
1	Tax01	InTax	0.00	No	No
2	Tax02	InTax	0.00	No	No
3	Tax03	InTax	0.00	No	No
4	Tax04	InTax	0.00	No	No
5	Tax05	InTax	0.00	No	No
6	Tax06	InTax	0.00	No	No
7	Tax07	InTax	0.00	No	No
8	Tax08	InTax	0.00	No	No
9	Tax09	InTax	0.00	No	No
10	Tax10	InTax	0.00	No	No

Click **Add** or **Edit**

Edt Tax03

Name: Tax03

Type: InTax

Rate(%): 0.00

Valid:

DoubleHigh:

**Name:** The name of the tax.

**Type:** The type of the tax.

**Rate(%):** The fixed tax rate.

**Valid:** Whether it is valid.

**DoubleHigh:** Whether the font is double-height printed.

Then choose a tax for each DPT. Click [Data] + [Dishes mgt] + [DPT Edit] + [Edit], then choose a tax in items “Tax1” and “Tax2”.

Category Programming

Name: Classic coffee

Tax1: 0

Tax2: 1

Negative Sale:

Discount:

Plus Discount:

All Discount:

Stock:

HappyTime: 0

Out KP: KP4

Out KP2: KP1

New Price:

Receipt Print:

Show two receipts with different taxes as follows:

**TOTAL SPORTS**

Woolworths Metro  
1055 Potts Point PH:02 93087391  
Icon Building,81 Macleay Street  
TAX INVOICE-ABN 88 000 014 675  
ORIGINAL TRANS:1915

---

NAME	QTY	PRICE	Amt
Blue Mountain Coffee	1	12.00	12.00
Espresso	2	12.00	24.00
Ice Cofee	5	12.00	60.00
Sub-15%			-4.80
GST			8.73
Subtotal			91.20
Cash			100.00
Change			8.80

Receipt: 0019 Pos No.: 001  
Cashier: Clerk01  
2019-11-04 13:33:55Mon  
Thank you for shopping with us

10% in-price tax proof

VS

**TOTAL SPORTS**

Woolworths Metro  
1055 Potts Point PH:02 93087391  
Icon Building,81 Macleay Street  
TAX INVOICE-ABN 88 000 014 675  
ORIGINAL TRANS:1915

---

NAME	QTY	PRICE	Amt
Blue Mountain Coffee	1	12.00	12.00
Espresso	2	12.00	24.00
Ice Cofee	5	12.00	60.00
Sub-15%			-4.80
GST			9.60
Subtotal			100.80
Cash			100.80

Receipt: 0023 Pos No.: 001  
Cashier: Clerk01  
2019-11-04 13:39:16Mon  
Thank you for shopping with us

10% off-price tax proof

### 2.3.4 HappyHour edit



Click [Data] + [Payment&Discount] +

Time Period Discount Edit					
No.	Name	Type	Percent	TimeZone1	TimeZone2
1	Dscnt1	Discount	10	12:10-13:10	00:00-00:00

### 2.4 Others management

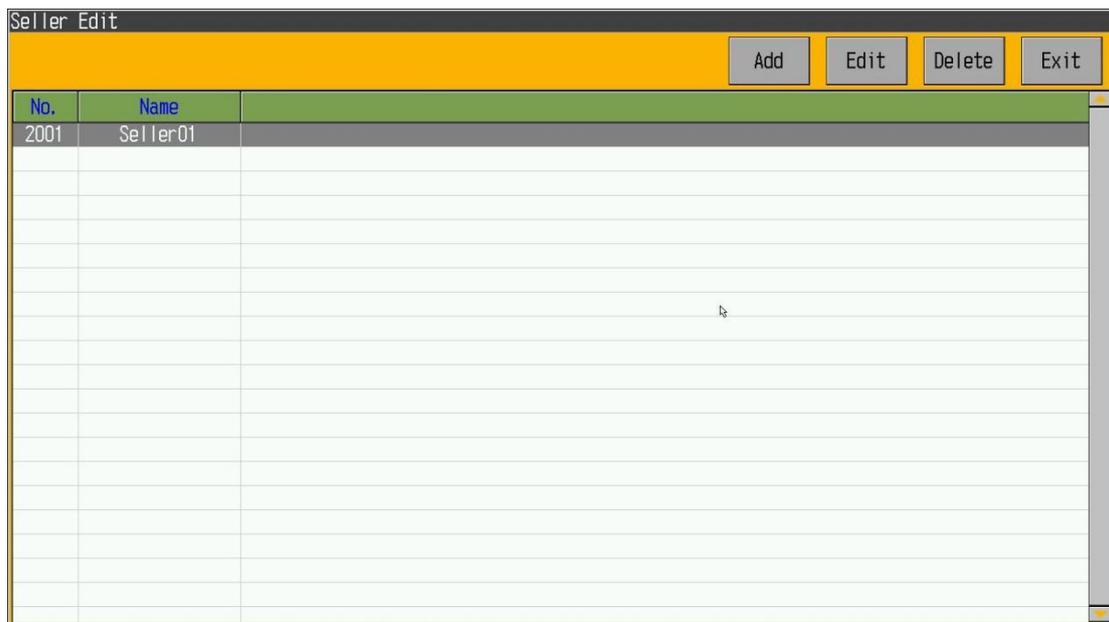
In the backend management interface, click [Data] + [Others] to enter the other management interface:



## 2.4.2 Seller Edit



Click [Data] + [Others] + .

A screenshot of a software window titled "Seller Edit". The window has a yellow header bar with four buttons: "Add", "Edit", "Delete", and "Exit". Below the header is a table with two columns: "No." and "Name". The first row contains the values "2001" and "Seller01". The table has several empty rows below it. A mouse cursor is visible over the table area.

Click  or  to edit the information of the seller.

## 2.4.3 Kitchen Printer



Click [Data] + [Others] + to enter the kitchen printer management interface:

Kitchen Printer Edit										
No.	Name	Type	Port	BaudRate	IPAddr	SinglPrnt	PrntPrice	D High	HeadSpace	TailSpac
1	KP1	58Print	Com1	9600	192.168.123.100	NO	NO	YES	0	3
2	KP2	58Print	Com1	9600	192.168.123.101	NO	NO	YES	0	3
3	KP3	58Print	Com1	9600	192.168.123.102	NO	NO	YES	0	3
4	KP4	58Print	Com1	9600	192.168.123.103	NO	NO	YES	0	3
5	KP5	58Print	Com1	9600	192.168.123.104	NO	NO	YES	0	3
6	KP6	58Print	Com1	9600	192.168.123.105	NO	NO	YES	0	3

Click  or .

KitchenPrinter01			
Name	KP1		
KP Type	58Thermal	DptPrint	<input type="checkbox"/>
CommPort	COM1	PrintPrice	<input type="checkbox"/>
IP	192.168.1.100	Double Hight	<input checked="" type="checkbox"/>
BaudRate	9600	Head Space	3
Cutter	<input type="checkbox"/>	Tail Space	0
SinglePrint	<input type="checkbox"/>		

**Name:** The name of the kitchen printer.

**KP Type:** Choose the kitchen printer type. It can be “58Thermal”, “80Thermal” or “LablePrnt”.

**CommPort:** Choose the communication port. It can be “Com1” or “Com2”.

**BaudRate:** Choose the baud rate for the pinter. For example, the baud rate for a 58mm kitchen printer is 9600, and the baud rate for an 80mm kitchen printer is 19200.

**Cutter:** If the printer is equipped with an automatic paper cutter, select Yes.

**SinglePrint:** Print a kitchen bill for every PLU.

**DptPrint:** Print a kitchen bill for every DPT. This item and the previous item can not be selected Yes at the same time.

**PrintPrice:** Print prices for kitchen bills. Generally, select No.

**Double Height:** Whether the printed font is double height.

**Head Space:** Set the headspace of the printed bill.

**Tail Space:** Set the tail space of the printed bill.

## 2.4.4 Table edit



No.	Name	StartTime	EndTime
1	breakfast	00:00	09:59
2	lunch	10:00	15:59
3	dinner	16:00	23:59

You can click [Report] + [Time Period Report] + [Para] + [Query] to view the time period reports for the selected dates as follows:

No.	Name	ReceiptNums	Amount	RefundQty	RefundAmt	DiscountQty	DiscountAmt	ProfitAmt
01	breakfast	15	417.62					
02	lunch	47	723.40					

## 2.4.6 Label Style management

Set the label format for the external label printer.



Click [Data] + [Others] +  to enter the formatting interface.

Edit Tag Format	
TagWidth(mm)	150
TagHigh(mm)	30
TagSpace(mm)	1
LeftBlank(mm)	1
TopBlank(mm)	1
PrintDirction	<input checked="" type="checkbox"/>
PrintDate	<input checked="" type="checkbox"/>
PrintClerk	<input checked="" type="checkbox"/>
PrintPrice	<input checked="" type="checkbox"/> Test
1	2
3	0
4	5
6	<
7	8
9	Quit

**TagWidth(mm):** the width of the label in millimeters.

**TagHeight(mm)**: the height of the label in millimeters.

**TagSpace(mm)**: the space between n two labels in millimeters.

**LeftBlank(mm)**: the left blank of the label in millimeters.

**TopBlank(mm)**: the top blank of lable in millimeters.

**PrintDirection**: the direction for label printing.

**PrintData**: Whether to print the date.

**PrintClerk**: Whether to print the clerk.

**PrintPrice**: Whether to print the price.

### 3. Report management

Take query the sales summary reports as an example:

(1) Click  .



(2) Click  .

No.	Sta Item	Quantity	Amount
1	Receipt	1	36.00
2	Cost		25.00
3	ProfitAmt		11.00

Star: 2024-09-05 00:00:00  
End: 2024-09-05 15:57:52

Para Query Previous Next Export Exit



(3) Click **Para** to set the query parameters, then click **Query** to display the reports. The operation to query today's report is as follows:

**Sales Summary Query Para Set**

Today ThisWeek ThisMon.  Eat In  Take Out

YDay LastWeek LastMth Custom

StartTime: 2019-12-04 00:00:00  
EndTime: 2019-12-04 15:40:39

< > OK Exit

Start: 2019-12-04 00:00:00  
End: 2019-12-04 15:40:39

Para Query Previous Next Export Exit

- Today:** Query today's report.
- ThisWeek:** Query this week's report.
- ThisMth:** Query this month's report.
- YTD:** Query yesterday's report.
- LastWeek:** Query last week's report.
- LastMth:** Query last month's report.
- Custom:** Set query time by yourself.

**Export**

(4) Click .

No.	Name	Quantity	Amount
1	Receipt	13	451.00
2	Cost		0.00
3	Profit		451.00
4	Void	4	150.00
5	Tax01	2	1.50

Start: 2025-04-01 00:00:00  
End: 2025-04-01 09:35:23

Buttons: Para, Query, Last, Next, Export, Exit

**Export:** export the reports to the USB flash disk.

**Print:** Print the reports.

## 4. Auxiliary management

Menu items:

- Data
- Report
- Aux mgt
- System
- Exit
- View Record
- Recover Data
- Backup Data
- Clear Record
- Receipt Logo
- KeyBoard

### 4.1 View records

It is to view all of the sales receipts.



Click to enter the view records interface as follows:

The screenshot shows the 'Sell Record mgt' interface. It features a blue sidebar on the left with icons for 'Data', 'Report', 'Aux mgt', 'System', and 'Exit'. The main area is divided into two panes: 'ReceiptList:' and 'ReceiptContent:'. The 'ReceiptList:' pane contains a table with columns 'RcptNo.', 'DateTime', and 'Amount'. The 'ReceiptContent:' pane displays the details of a selected receipt, including a list of items with columns 'NAME', 'QTY', 'PRICE', and 'Amt', and a summary section with fields like 'Receipt#', 'Pos No.', 'Cashier', and 'Date/Time'. On the right side, there are several input fields for 'ReceiptNums(40)', 'RecordNums(141)', 'Set Query Para:', 'StartTime', 'EndTime', and 'State'. At the bottom, there are buttons for 'Previous', 'Next', 'Export', 'Print', and 'Exit'.

RcptNo.	DateTime	Amount
36	2024-09-05 15:55	0.00
37	2024-09-05 15:55	0.00
38	2024-09-05 15:56	0.00
39	2024-09-05 15:57	36.00
40	2024-09-05 15:57	0.00

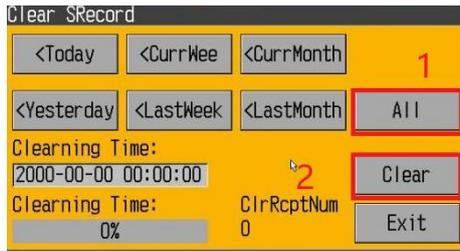


Then click to set query parameters:

The screenshot shows the 'Query Para Set' dialog box. It has a yellow background and contains several buttons for selecting query parameters: 'Today', 'ThisWeek', 'ThisMon', 'YDay', 'LastWeek', 'LastMonth', and 'Custom'. Below these buttons are two text input fields for 'StartTime' and 'EndTime', with 'OK' and 'Exit' buttons to the right. At the bottom, there are navigation buttons '<' and '>'.

For example, to query today's sales records, click [Today] + [OK] + [Query].

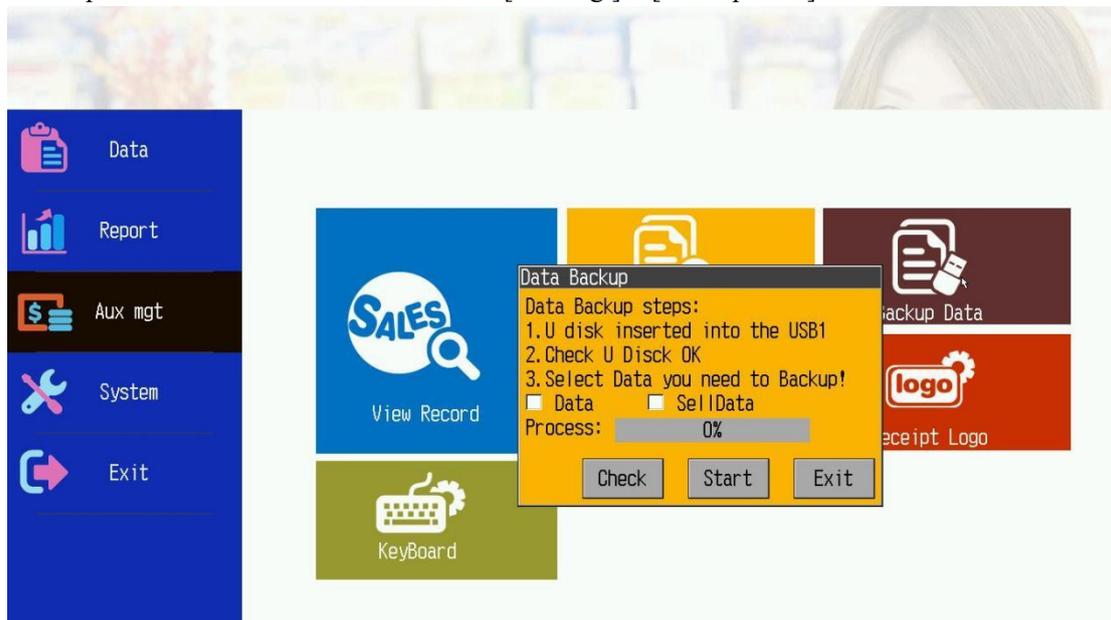




Note: After clearing all records, you need to enter the sales front and restart. The Clear operation will be effective.

### 4.3 Backup data

Back up the data to a USB flash disk. Click [Aux mgt] + [Backup Data].



Follow the steps in the pop-up window:

- (1) Insert a U disk into the USB1 (the upper one).
- (2) Press [Check]. If the U disk is ok, it will display “Data Backup steps: UDisk Connected”.
- (3) Select data. “Data” is the programming data in the backend. “SellData” is the sales datas.
- (4) Press [Start].

### 4.4 Recover data

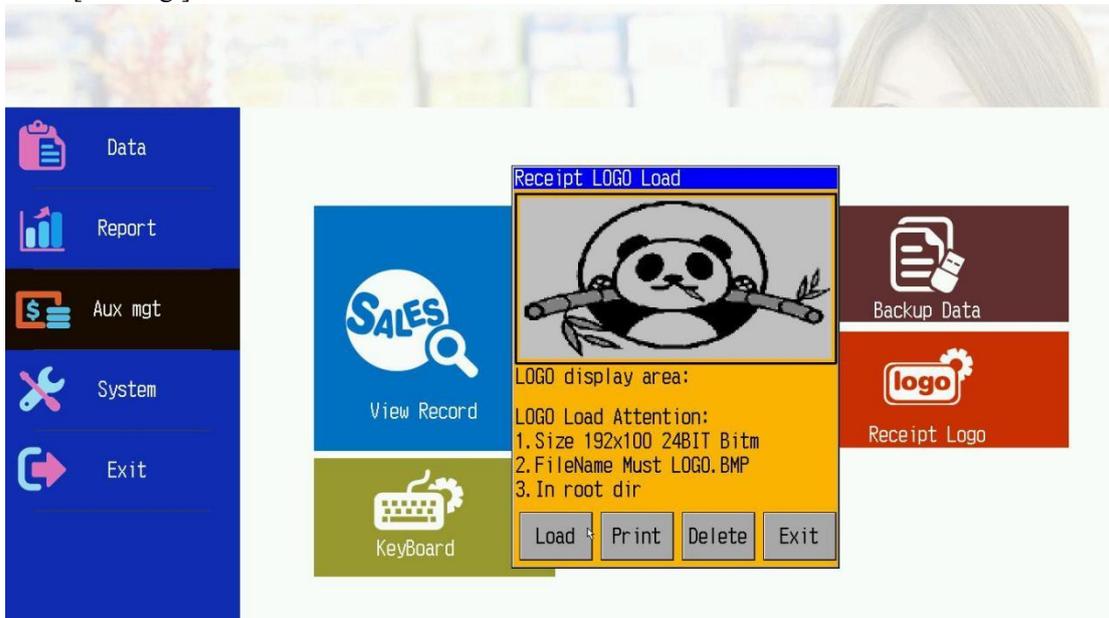
Copy the data in the U disk to the cash register and overwrite it. The steps are the same as “4.3 backup data”.



## 4.5 Receipt Logo



Click [Aux mgt] +



## 4.6 KeyBoard

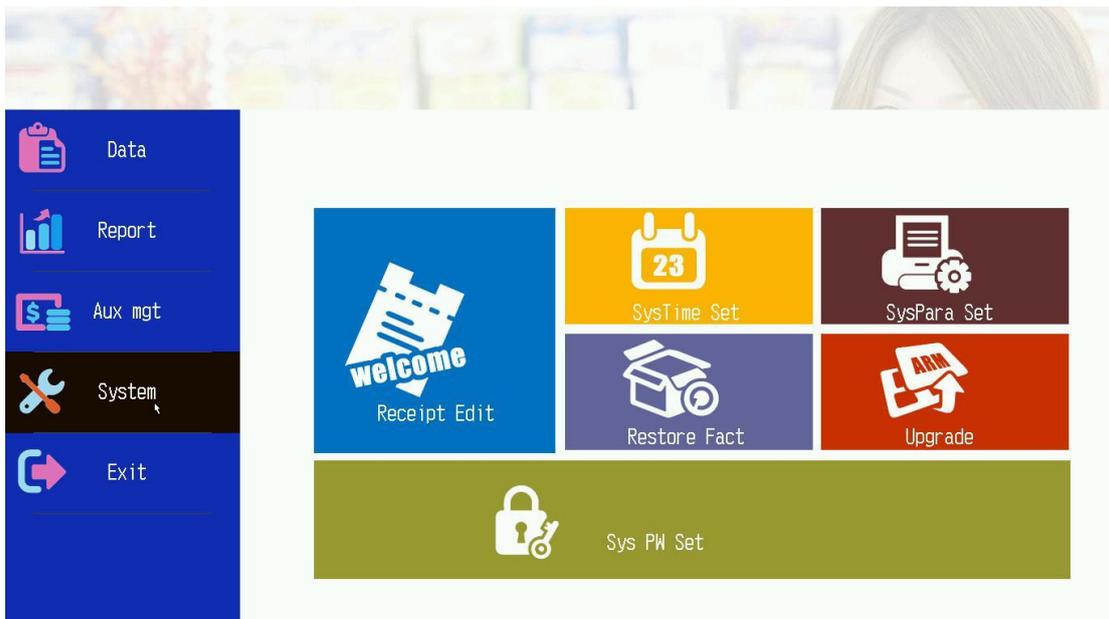


Click [Aux mgt] +

to edit the function keys setting. The steps can refer to “II function keys setting”

EatIn	+1	-1	Trade View	PLU View	No.	1	2	3	Subtotal
Refund	Cancel	Gift	Single-%	Table/Add	Recharge	4	5	6	Signing
SCRSAVE	Taste#	Garnish	Subtotal	ClrTDScnt	DrawerInfo	7	8	9	Card
Exit	OpenDraw	Subtotal-%	Pending	Invalid	Clear	0	.	00	Cash

## 5. System management



### 5.1 Receipt editing

It is to edit the head and tail text for sales receipts. Take the following receipt as an example:





**Content:** The text content of this line.

**DoubleHeight:** Whether double-width printing.

## 5.2 System time setting



Click [system] +

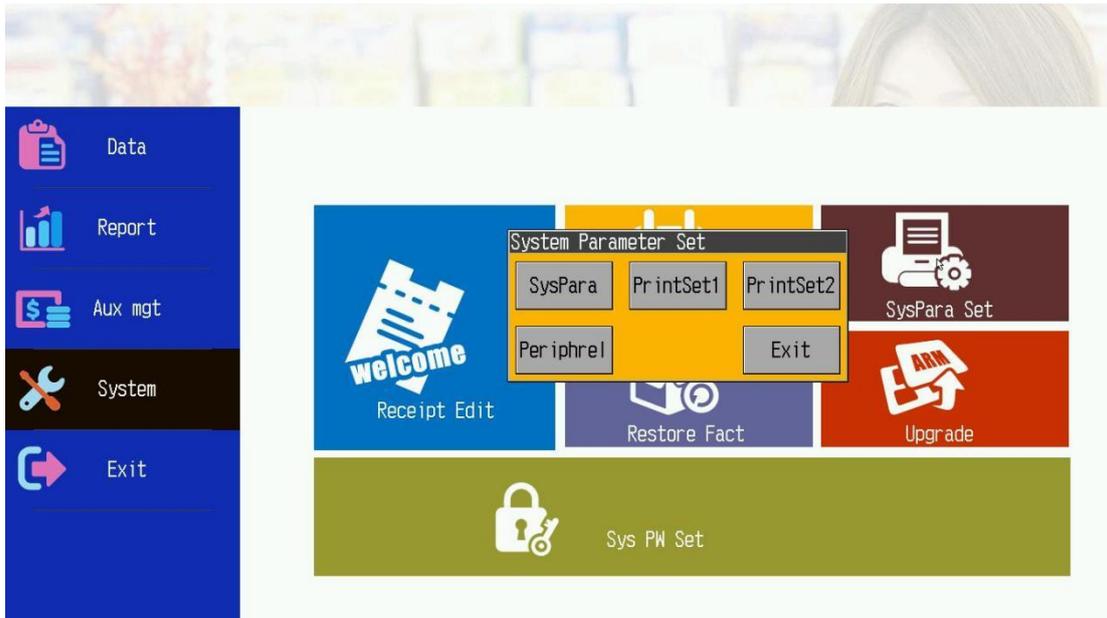


**Note:** The modified system time cannot be after the last time you exited the sales front. Otherwise, it will display “TimeError Set Again”.

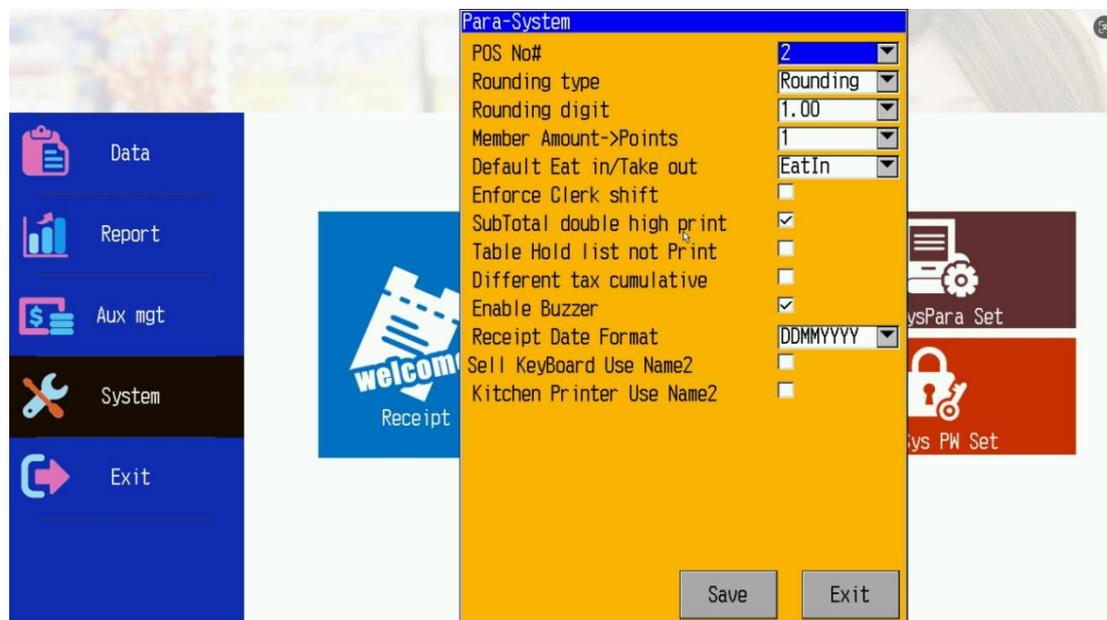
## 5.3 System parameter setting



Click [system] +



### 5.3.1 System parameter



**POS No:** If you have multiple cash registers, input the machine number here.

**Rounding Type:** Set the rounding type. The options are as follows:

-**Rounding:** Round (default option).

-**Further:** Round up to one.

-**Wiping:** Round to zero.

-**3->5:** More than 3 to 5.

**Rounding digit:** The rounding digits.

**Member Amount:** Set member's points rules. A point is equal to how much money is spent.

**Default Eat-in/Take-out:** The front is set to eat-in or take-out by default.

**Enforce Clerk shift:** Allow mandatory clerk shift.

**SubTotal double height print:** Double-height print the subtotal in the receipt.

**Table Hold list not Print:** Adding and subtracting dishes does not need to be printed.

**Different tax cumulative:** Accumulate different taxes.

**Enable Buzzer:** Allow the buzzer to tap the screen.

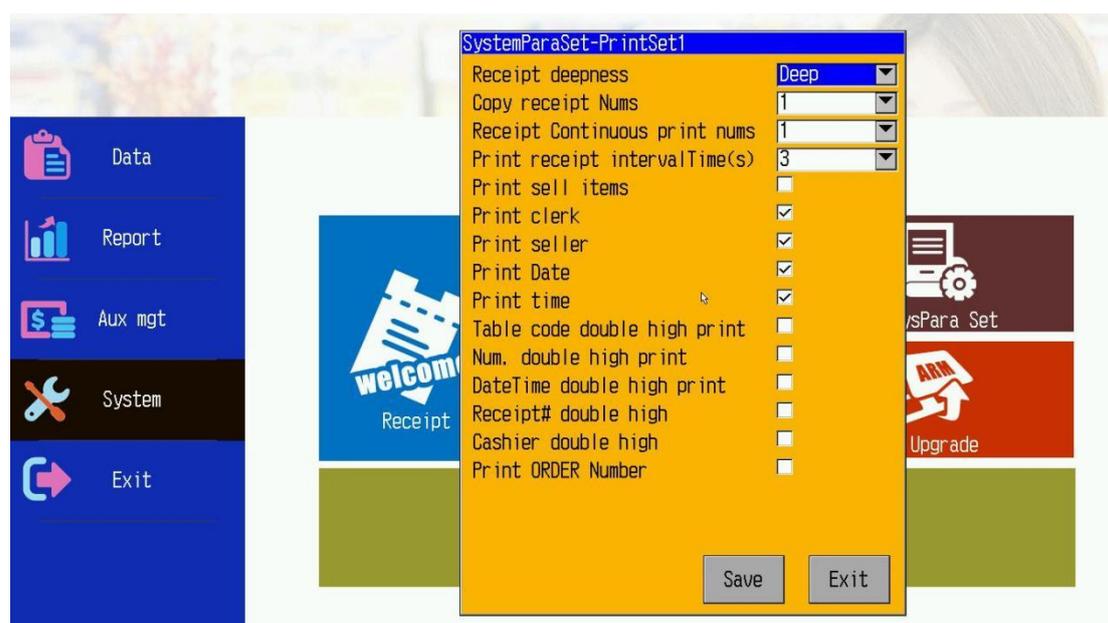
**Receipt Data Format:** The format of the receipt Date

**Sell KeyBoard Use Name2:** Whether use sell keyboard use name2

**Kitchen Printer Use Name2:** Whether use kitchen printer use name2

### 5.3.2 PrintSet1

There are many printed parameters, so they are divided into two parts: PrintSet1 and PrintSet2.



**Receipt deepness:** Select the receipt's depth: shallow, medium, or deep.

**Copy receipt Nums:** Maximum number of copies of the receipt (Copy with [Subtotal] key).

**Receipt Continuous print nums:** The number of receipts printed consecutively at checkout.

**Print receipt interval time(s):** Set the interval times between two receipts when printing multiple receipts continuously. So you can cut the receipt calmly.

**Print sell items:** Whether to print the total quantity.

**Print clerk:** Whether to print the clerk.

**Print Data:** Whether to print the date.

**Print time:** Whether to print time.

**Table code double height print:** Whether the table code is double-height printed.

**Num. Double height print:** Whether the number inputted by the [No.] key is double-height

printed.

**DataTime double height print:** Whether the data and time are double-height printed.

**Receipt# double height:** Whether the receipt number is double-height printed.

**Cashier double height:** Whether the cashier's name is double-height printed.

**Print ORDER Number:** Whether to print the queue number.

### 5.3.3 PrintSet2



**Sell Data double height:** Whether the sell data is double height printed.

**Print EatIn TakeOut:** Whether to print eat-in / take-out on receipts and kitchen receipts.

**Print LOGO:** Whether to print the LOGO.

### 5.3.4 Peripheral setting





**Com1 Functions:** Select a peripheral for COM1.

- KP: kitchen printer
- Wiping: guest display
- Label: label printer

**Com2 Functions:** Select a peripheral for COM2.

**Disable Receipt Printer:** Forbidden to print the receipt.

**Disable drawer open:** Forbidden to open the cash drawer.

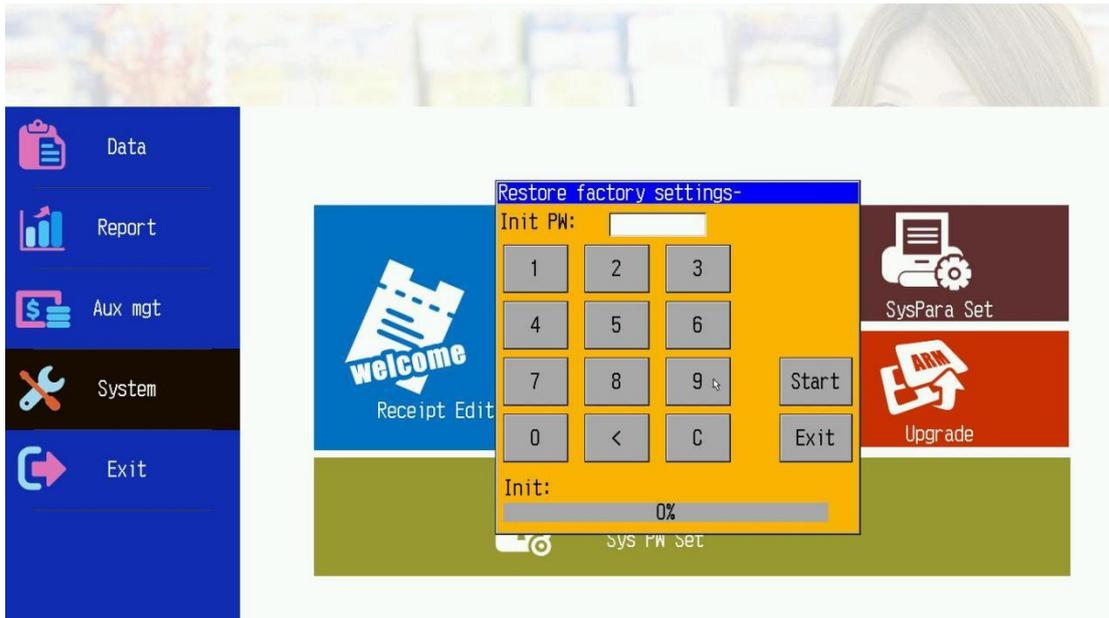
**Enable KP buzzer:** Allow buzzer for a kitchen printer.

## 5.4 Restore the factory settings

Restore the factory settings.



Click [System] +



Enter different initialization passwords for different functions:

**88888801:** Initialize all settings.

**88888802:** Calibrate the touch screen.

**88888803:** Initialize the function keys.

## 5.5 System password setting

It is to set the password for the administrator. The default password is [6666]. Click [System] +



Set a new password:

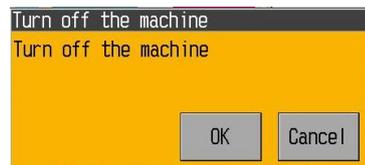
- (1) OldPW: Input the old password.
- (2) NewPW: Input the new password.
- (3) Press the key [SET PW].

If you forget the old password, you can use the super password:

- (1) OldPW: Input the super password 20121212.
- (2) NewPW: Input the new password.
- (3) Press the key [SET PW].

## 6. Exit

Click  to exit the backend. Then click  to turn off the machine.



## IV. Typical Cases

### 1. Backend management with computer

For some background management, in addition to operating directly on the cash register, you can also use a computer to operate. Some of the following 3 items can be operated by computer.

#### 1.1 Data management with computer

For data management, the PLU editing and the DPT editing can be operated by computer. Take the PLU editing as an example, the operation is as follows:

- (1) Insert a USB flash disk into the USB port 1 (the upper one) of the cash register.
- (2) In the backend management interface, click the [Data] + [Dishes mgt] + [PLU edit] + [Export], and the cash register will copy the PLU information to the USB flash disk. Interface as follows:

PLU Edit

Export Percent: 100%

Scan barcode to search PLU

Buttons: Add, Edit, Delete, Import, Export, Exit

No	Dpt Name	No.	Name	Price1	Price2	Price3	Stock	BarCode	Cost
1	Classic coffee	0101	Blue Mountain Coffee	12.00	10.00	0.00	0.000		18.62
2	Classic coffee	0102	Espresso	12.00	11.00	0.00	0.000		0.00
3	Creative coffee	0103	Coffee Latte	12.00	9.00	0.00	0.000		0.00
4	Especially the t	0104	Brazil Coffee	20.00	12.00	0.00	0.000		0.00
5	Depart05	0105	Charcoal Roasted Coffee	20.00	12.00	0.00	-1.000		0.00
6	Natt	0106	Coffee Americano	20.00	12.00	0.00	0.000		0.00
7	Depart07	0107	weee	10.00	0.00	0.00	0.000		0.00
8	fruit	0108	Coffee Americano	24.00	0.00	0.00	0.000		0.00
10	Vegetable								
11	drink								

- (3) Insert the USB flash disk into the computer.
- (4) Copy the file named PLUDATA.CSV to the computer from the root directory of the USB flash disk.
- (5) Open the file PLUDATA.CSV in Excel. Show as follows:

	A	B	C	D	E	F	G	H
1	No.	Name	BarCode	Price1	Price2	Price3	Stock	Cost
2	101	Blue Mour	[]	12	10	0	-319.848	18.62
3	102	Espresso	[]	12	11	0	-375.848	0
4	103	Coffee Lz	[]	12	9	0	-205.848	0
5	104	Brazil Cc	[]	20	12	0	-81.848	0
6	105	Charcoal	[]	20	12	0	-1	0
7	106	Coffee Ar	[]	20	12	0	0	0
8	107	weee	[]	10	0	0	-22	0
9	108	Coffee Ar	[]	24	0	0	-17	0
10	201	Ice Cofee	[]	15	12	0	-1	0
11	202	Mochaccir	[]	15	12	0	0	0
12	203	serendipi	[]	15	12	0	0	0
13	204	dusk ice	[]	15	12	0	0	0
14	205	Happy Pai	[]	15	12	0	0	0
15	301	GuanYin K	[]	5	3	0	23.152	0
16	302	top-class	[]	20	10	0	0	0
17	303	Jasmine T	[]	10	8	0	0	0
18	304	Fresh Fru	[69012859]	20	10	0	33	0
19	401	longan p	[]	20	16	16	47.152	0
20	402	Korea Pur	[]	30	19	0	0	0
21	601	Green Nat	[1267890]	15	0	0	0	5
22	801	apple	[]	6	0	0	50	0
23	802	Espresso	[]	12	0	0	46.152	0
24	803	cherry	[]	47	0	0	-2	0
25	804	banana	[]	3	0	0	0	0
26	805	orange	[]	5	0	0	0	0
27	806	grape	[]	7	0	0	0	0
28	1001	cabbage	[]	3	0	0	0	0
29	1002	carrot	[]	4	0	0	0	0
30	1101	tea	[]	5	0	0	0	0
31	1102	cola	[]	10	0	0	0	0

The column named [No.] is the serial number (up to 4 digits). The first two digits are the DPT serial number, and the last two digits are the PLU serial number. For example, serial number 103 indicates the third type of PLU in the first type of DPT, and serial number 302 indicates the second type of PLU in the third type of DPT.

(6) Add or edit PLUs in the appropriate format. For example, add 3 PLUs as follows:

	A	B	C	D	E	F	G	H
1	No.	Name	BarCode	Price1	Price2	Price3	Stock	Cost
2	101	Blue Mour	[]	12	10	0	-319.848	18.62
3	102	Espresso	[]	12	11	0	-375.848	0
4	103	Coffee Le	[]	12	9	0	-205.848	0
5	104	Brazil Cc	[]	20	12	0	-81.848	0
6	105	Charcoal	[]	20	12	0	-1	0
7	106	Coffee Ar	[]	20	12	0	0	0
8	107	weee	[]	10	0	0	-22	0
9	108	Coffee Ar	[]	24	0	0	-17	0
10	201	Ice Cofee	[]	15	12	0	-1	0
11	202	Mochaccir	[]	15	12	0	0	0
12	203	serendipi	[]	15	12	0	0	0
13	204	dusk ice	[]	15	12	0	0	0
14	205	Happy Pai	[]	15	12	0	0	0
15	301	GuanYin K	[]	5	3	0	23.152	0
16	302	top-class	[]	20	10	0	0	0
17	303	Jasmine T	[]	10	8	0	0	0
18	304	Fresh Fru	[69012859]	20	10	0	33	0
19	401	longan n	[]	20	16	16	47.152	0
20	402	Korea Pur	[]	30	19	0	0	0
21	601	Green Nat	[1267890]	15	0	0	0	5
22	801	apple	[]	6	0	0	50	0
23	802	Espresso	[]	12	0	0	46.152	0
24	803	cherry	[]	47	0	0	-2	0
25	804	banana	[]	3	0	0	0	0
26	805	orange	[]	5	0	0	0	0
27	806	grape	[]	7	0	0	0	0
28	807	pear	[]	5	0	0	10	0
29	808	blueberry	[]	25	0	0	20	0
30	1001	cabbage	[]	3	0	0	0	0
31	1002	carrot	[]	4	0	0	0	0
32	1101	tea	[]	5	0	0	0	0
33	1102	cola	[]	10	0	0	0	0
34	1103	milktea	[]	15	0	0	0	0

- (7) After editing, save the file PLUDATA.CSV. Be sure to save the file in CSV format.
- (8) Copy the changed file PLUDATA.CSV to the USB flash disk.
- (9) Insert the USB flash disk into the USB port 1 of the cash register.
- (10) In the backend management interface, Click the [Data] + [Dishes mgt] + [PLU edit] +[Import], and the cash register will copy the changed PLU information to the cash register. Show as follows:

PLU Edit										
Import Percent		Scan barcode to search PLU			Add	Edit	Delete	Import	Export	Exit
100%										
No	Dpt Name	No.	Name	Price1	Price2	Price3	Stock	BarCode	Cost	
1	Classic coffee	0801	apple	6.00	0.00	0.00	50.000		0.00	
2	Classic coffee	0802	Espresso	12.00	0.00	0.00	46.152		0.00	
3	Creative coffee	0803	cherry	47.00	0.00	0.00	0.000		0.00	
4	Especially the t	0804	banana	3.00	0.00	0.00	0.000		0.00	
5	Depart05	0805	orange	5.00	0.00	0.00	0.000		0.00	
6	Natt	0806	grape	7.00	0.00	0.00	0.000		0.00	
7	Depart07	0807	pear	5.00	0.00	0.00	10.000		0.00	
8	fruit	0808	blueberry	25.00	0.00	0.00	20.000		0.00	
10	Vegetable									
11	drink									

PLU Edit										
Import Percent		Scan barcode to search PLU			Add	Edit	Delete	Import	Export	Exit
100%										
No	Dpt Name	No.	Name	Price1	Price2	Price3	Stock	BarCode	Cost	
1	Classic coffee	1101	tea	5.00	0.00	0.00	0.000		0.00	
2	Classic coffee	1102	cola	10.00	0.00	0.00	0.000		0.00	
3	Creative coffee	1103	milktea	15.00	0.00	0.00	0.000		0.00	
4	Especially the t									
5	Depart05									
6	Natt									
7	Depart07									
8	fruit									
10	Vegetable									
11	drink									

As can be seen from the figure, 3 PLUs have been added successfully.

## 1.2 Report management with computer

For report management, the Sales Summary, PLU report, and DPT report can be exported to a computer via a USB flash disk. Then you can manage the report via computer. Take the Sales Summary as an example, operation as follows:

- (1) Insert a USB flash disk into the USB port 1 (the upper one) of the cash register.
- (2) In the backend management interface, Click the [Report] + [Sales Summary] to enter the sales summary report interface.

Comment: For PLU report and DPT report in this step, click [PLU report] and [DPT report ] but not [Sales Summary], respectively.

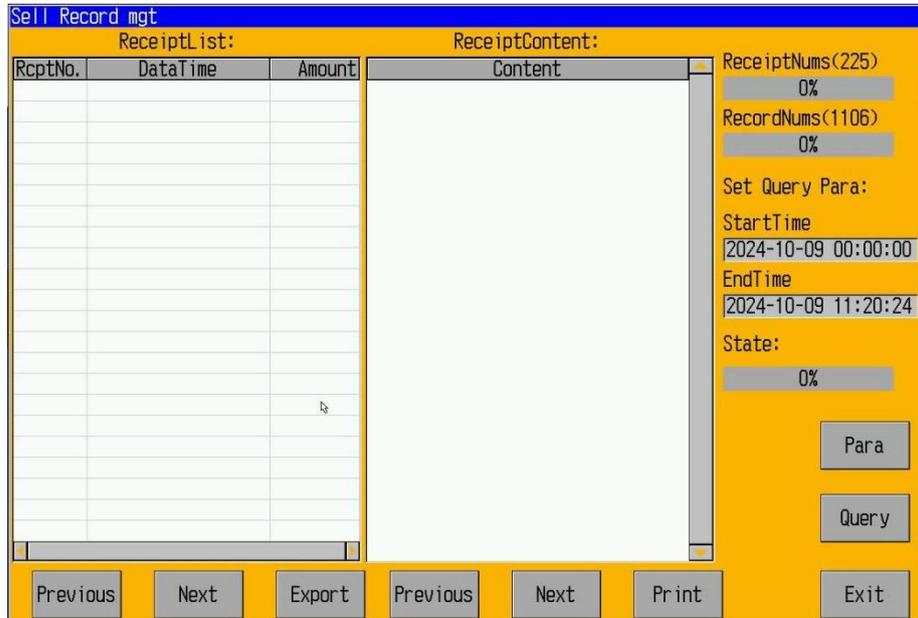
- (3) Click the [Para] key to set the sales summary query parameters. Then click the [Query] key to display the reports. Show as follows:



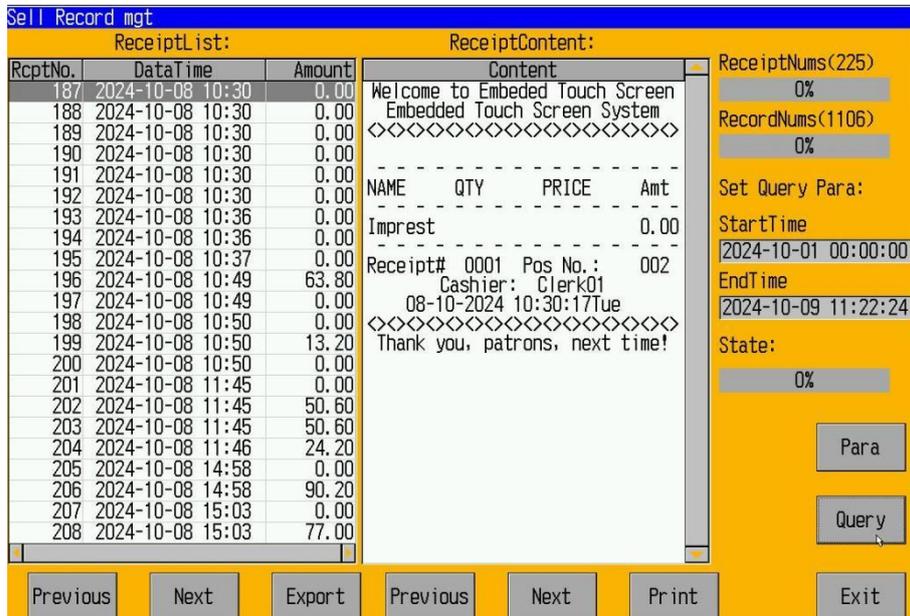
### 1.3 Auxiliary management with computer

For auxiliary management, the reports can be exported to a computer via a USB flash disk before viewing. Operation as follows:

- (1) Insert a USB flash disk into the USB port 1 (the upper one) of the cash register.
- (2) In the backend management interface, Click the [Aux mgt] + [View Record] to enter the sell record management interface as follows:



- (3) Click the [Para] key to set the query parameters. Then click the [Query] key to display the reports. Show as follows:



- (4) Click the [Export] key to export the report to the USB flash disk.
- (5) Insert the USB flash disk into the computer.
- (6) Copy the file named RCPT\_01.TXT to the computer from the root directory of the USB flash disk. Then you can view the report via computer.

## 2. Methods of Connecting peripheral

Bar code scale, electronic scale, and kitchen printer can be connected to the cash register via COM1 or COM2.

### 2.1 Connecting barcode scale

(1) Format the barcode scale to FFMMMMMPPPPPC:

FF: store number, set to 20

MMMMM: 5-digit PLU barcode, such as 10001

PPPPP: the price of the weighing PLU. For example: 00100 means the price of the weighing PLU is 1.00 \$.

C: check code.

(2) For example, a completed barcode is 2010001001008, which means that the price of the weighed PLU is 1.00 \$, and its barcode is 10001.

(3) The cash register needs to be programmed to generate a PLU with a barcode of 10001. For example, set the bar code of Apple to 10001. In the backend management interface, click [Data]+[Dishes mgt] + [PLU Edit] +[Add] to add a PLU. Then edit the PLU's parameters, where the name is apple and the barcode is 10001.

(4) Manually simulate the input of a barcode gun to test whether the cash register is set correctly.

In the sales interface, input: [2010001002009]+[apple].

If correct, it will show: Apple 1 2.00

(5) Power off the cash register. Connect a USB barcode scan to the USB port 1 or port 2 of the cash register.

(6) The barcode scale is responsible for weighing and printing the barcode. The cash register scans the barcode for payment.

### 2.2 Connecting electronic scale

The cash register can be directly connected to the weighing electronic scale, which is mainly used in snack shops, fruit shops, and other stores that need to weigh PLUs. The steps to connect the scale are as follows:

(1) Power off the cash register.

(2) Connect the data cable of the scale to COM1 or COM2.

(3) Power on the cash register.

(4) Set the parameters of the serial port. You need to set the corresponding serial port as a scale. For example, if the scale is connected to COM1, setting operation as follows. In the backend management interface, click [System] + [SysPara Set] +[Peripheral] to pop up the peripheral setting window. The item "Com1 Functions" should choose "Scale".

(5) Set [X] key. If there is no [X] key in the function keys, you need to replace one of the function keys with the [X] key. For example: replace the [Head] key with the [X] key. In the function keys setting interface, click [Head] + [SysKey] + [X] +[Replace] + [Save].

(6) In the sales interface, click the [X] key, and the cash register will read the weight on the scale

and display it.

(7) Sale: click [X] + PLU to sell this PLU. Take selling apples as an example. Place the apple on the scale, wait for the weight to stabilize, then press [X] + [apple] to complete the sale.

(8) Change the price: click [X] + new price + [Price] + PLU.

(9) Refund: click [Refund] + [X] + PLU.

## 2.3 Connecting kitchen printer

In the catering business, the cash register usually needs to be connected to a kitchen printer (generally a 58 thermal printer). The cash register can be connected to a maximum of two kitchen printers. The steps to connect the kitchen printer are as follows:

(1) Power off the cash register.

(2) Connect the data cable of the kitchen printer to COM1 or COM2. Now suppose COM1 is connected.

(3) Power on the cash register.

(4) Set the corresponding serial port as kitchen printer in the backend. Click [System] + [SysPara Set] + [Peripheral], then choose “Kp” for the item [Com1 Functions].

(5) Set the parameters of the kitchen printer. Click [Data] + [Area mgt] + [KitchenPrinter] to edit the parameters. See 2.3.2 Kitchen printer in III. Note three points. Choose “58Thermal” or “80Thermal” for the item [Kp Type]; Choose “COM1” for the item [Port]; Choose the corresponding baud rate for the selected printer.

(6) Set the DPTs that need to be printed in the kitchen. For example, in a restaurant, there are two kitchen printers, and there are three departments for dishes: cooking dishes, steaming dishes, and drinks. You want to set it as follows: cooking dishes are output to the kitchen printer 1, steaming dishes are output to the kitchen printer 2, and drinks do not need to be printed. Operation as follows:

In the backend management interface, click [Data] + [Dishes mgt] + [DPT Edit] to enter the department editing interface. Then edit the departments as follows: When editing the cooking dishes, select “KP1” for the “OUT KP” item. When editing the steaming dishes, select “KP2” for the “OUT KP” item. When editing the drinks, select “NO” for the “OUT KP” item. See 2.1.1 in III.

## 2.4 Connecting label printer

Label printer is equivalent to a special kitchen printer. The steps to connect the label printer are as follows:

(1) Power off the cash register.

(2) Connect the data cable of the label printer to COM1 or COM2. Now suppose COM2 is connected.

(3) Power on the cash register.

(4) Set the corresponding serial port as a label printer in the backend. Click [System] + [SysPara Set] + [Periphrel], then choose “Label” for the item [Com2 Functions].

(5) Set the parameters of the kitchen printer. Click [Data] + [Others] + [KitchenPrinter] to edit the parameters. Just need to set the first 4 items as follows:



(6) Set the parameters of the label printer. Click [Data] + [Others] +[LabelStyle] to edit the parameters as follows:

