Your best selection

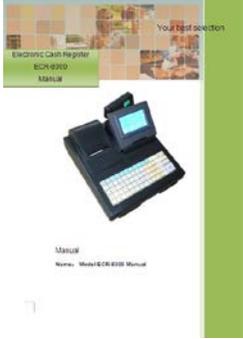Electronic Cash Register
ECR-8000
User's Manual

The manual is using for model ECR-8000 cash registers. Our company has the Right to improve and upgrade the ECR-8000 cash register at any time.

Published: 2010

Accessories:

Your purchased products include the following accessories:

Manual	Model: ECR-7000 Cash Register
Serial Line	Ac Adapter

Product Introduction

- Easy to use

- Power supported by using the power adapter or rechargeable battery.

- Features: Sales record receipts, Sales quantity, Change, Discounts, Stock, Purchasing, Refund, etc.. This cash register special functions are three pending order information, enquiry the report, period report, stock report.

- Thermal printer to print receipts and reports: can set the printed paper information, the paper format design.

- Can store 60,000 PLUs, and set the purchase price, tax rates, barcode, stock, departments; can set whether to allow change the price, return and discount. Quick access 56 PLUs.

- 99 clerks can be set up, clerk rights management segments.

- Double-sided display, 240 × 128 dot LCD operator display, customer display is 10 digits red or green LED light.

- Cash drawer, Barcode scanner and Computer can be connected.

- Port: RS-232 serial port. Optional ports: RJ-45 network port, USB.

- The head and tail messages can be set which on the printed receipt; ECR standby rolling captions can be set; the file report recording time point can be changed.

Catalogue

1. Start Guide

1) Place the cash register on a stable, level and large platform.

2) Plug in the cash register back side ports:

 : Power port   : Cash drawer port

 :Barcode scanner port   :RS232 port   :TCP/IP port

 USB line port U-disk port

3) Switch the cash register power on.
Note: When you don't use the cash registers for a long time, please switch the power off.
When you are long time using the cash registers, please connect the external power supply --- power line.

2. Keyboard Introduction

Keys definition	Operation	
Clear the input information	C	
Feed in a blank paper	Feed	
Records receipts, show the calculated results, operation confirm	= Cash/OK	
PLU hotkeys	1 A 29 ~ 28 $ 56	
Access to Menu	Menu	
Feed in cash, Up key	R/A ↑	
Feed out cash, Down key	P/O ↓	
PLU calling and management, Right key	PLU →	
Search, Left key	Search ←	

Press 2 seconds: enter a single customer mode Button: Switch to the customer 1	1	
Switch to the customer 2	2	
Press 2 seconds: enter the some customers mode Button: Switch to the customer 3	3	
Number sales, the multiplication operation; press FUN key and this button to open cash drawer	× Time	
Calculator ; Divide operation	÷ Calculator	
Calculate discounts; Subtraction operation	− Discount	
Delete a goods from the list, or return to the previous menu; Remove all items from the list	Void / Void All	

Press this key into the refund mode; press Shift key and this key to purchase mode						Refund / Purchase
Time; press number keys and this key for inputting amount						= Cash/OK

Key		English Letters					
1				?	,	.(Point)	1 ..?l 2 abc 3 def
2				C	B	A	4 qhi 5 jkl 6 mno
3				F	E	D	7 pqrs 8 tuv 9 wxyz
4				I	H	G	0 oo .
5				L	K	J	
6				O	N	M	
7			S	R	Q	P	
8				V	U	T	
9			Z	Y	X	W	
0	:	]	[	)	(	@	

3. Quick Access and Shortcuts Guide

Switch on the cash register, the cash register will directly into the sales mode. Some customers' mode is by default, which can accept the three customers' payment, at right corner of the displays screen will show the current billing customers (picture, mean for one customer's payment.)

3.1 Switching Function Using
Input hotkey (hotkey 29 ~ 56) or edit in switching between different input methods, purchase and return switching, please use the FUN keys.

3.2 Menu operation
Select the menu option, you can use the following two methods:
1) Use the R/A, P/O, PLU and Search keys for selecting the target option, and then press the cash/ok key for entering the target menu.
2) Use the number keys: press the corresponding menu option number keys can also open the target window.

3.3 Shortcuts Keys
As to the simple, fast for common operations, you can press the following key for two seconds:

Keys definition	Operation
Feed in the blank paper	Feed
Switch to a single customer mode (a customer)	
Switch to some customers mode (three customer)	
Enter PLU edit mode	PLU →
Clear one line inputted information	C

4. User

4.1 User settings

User settings mainly functions are add or delete the operators, change login password and set the operator's operating authority, and cashier operations and other settings.   Reasonable set operator login password and operating authority can effectively maintain the sales data integrallty, protect data security, and prevent the operation which will cause the operation or ECR data loosed.

4.2 Set new or modify user.
1) In the menu, select the 【User and Customer】 → 【User】 → 【Define and Edit】

| 1. Reports |
| 2. PLU |
| 3. User And Customer |
| 4. Setting |
| 5. Barcode |
| 6. Log Off |
| 7. Software Manager |
| 8. Power Off |

| 3: User and Customer |
| 3.1: User |
| 3.2: Customer |

| 3: User and Customer |
| 3.1: User |
| 3.1.1: Define and Edit |
| 3.1.2: Clerk Operation |
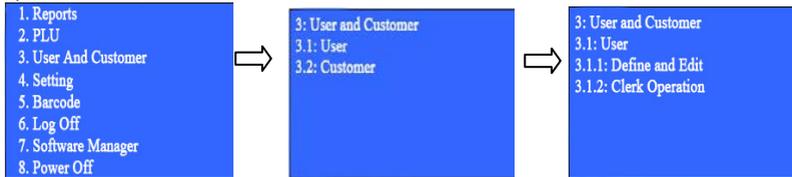
2) Input the user ID in the interface. If the ID is existed already, please open the Edit window, or Define window.

Define User

```
0/8                    123
User No.: 1
Name: Admin
Password:
Confirm:
```

Edit User

```
0/8                    123
User No.: 1
Name: Admin
Old Password:
Password:
Confirm:
```

3) Input the content according to the display, and press the Cash/OK key to complete operations.

4.3 Delete user
If delete the existed user, the operation steps as follow:

1) In the menu, select the 【User and Customer】→【User】→【Delete】
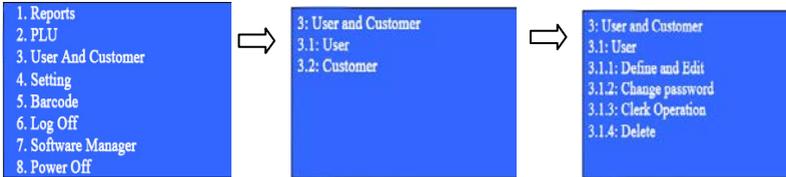
2) Input the User ID, Press Cash/OK key to delete.

4.4 One / Three customer service models
1) In the menu, select the 【Setting】→【User】→【Printer Set】
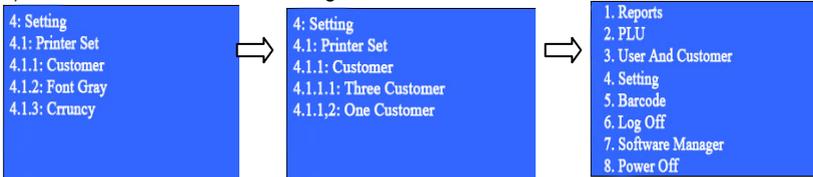
2) Press the R/A and P/O keys to select 【one customer】 or 【three customer】

service models.
Press the Cash/OK key to complete the setting operations.

5. ECR using method

5.1 Calculate the amount of goods
Input the unit price by the number keys, the display will show the total amount of goods.
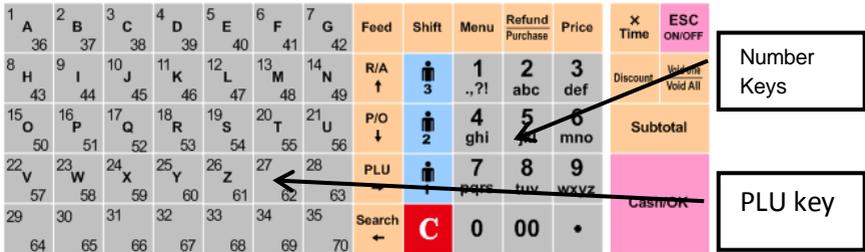
Note: 1) Edit the goods price， Please press C Key。

2) If the PLU and the corresponding hotkey have be set, please directly press the hotkey, or input the PLU number and then press the PLU key.

5.2 Various of sales operations

1） Input the current goods unit price by number keys, and then press Cash/OK key. The total amount will be shown on the display:

Please press the Cash/OK key when the customers check out. (In this sales mode, the goods name will be shown **** if there isn't this goods name in the system. It will be shown the manual sale item in the report.)

2)   When there are the set PLU goods, and in the corresponding hotkey sales mode: Press this goods PLU hotkey, and then press Cash/OK key. The total amount will be shown on the display, press Cash/OK key again for checking out.

3)   When there is not this PLU goods in the hotkeys, please input the PLU number for callout this goods: Input the goods PLU number by number keys, and press PLU key foe callout

this goods, and then press Cash/OK key. The total amount will be shown on the display, press Cash/OK key again for checking out.

5.3 Accumulate the goods

Directly input the hotkey number and goods price, press Subtotal key

Repeat these steps, you can accumulate the operations until 50 times (It is mean you can balance 50 goods). And then press Cash/OK key. The total amount will be shown on the display, press Cash/OK key again for checking out and printing the receipt.

5.4 Printing the receipt

Printing the receipt

1)   Press Cash/OK key for checking out and printing receipt. When the window still hold on the subtotal interface, press Cash/OK key again for re-printing a receipt.

2)   Press the Feed key for feed in the blank paper.

5.5 Search
5.5.1 Search Barcode

1) Press Search key for entering the search mode.
2) Input the barcode number.

3. Press Cash/OK key, and then will shown the corresponding goods.

5.5.2 Search product name

1) Press Shift and Search keys, and then in the searching mode.

2) Input product name.

3. Press Cash/OK key, and then will shown the corresponding product.

Note: If you add new products, please sort the goods by sort function which in the search menu. If no sort, you can search the goods.

5.6 Use cash drawer

1) The cash drawer will open when the customers check out.

2) The cash drawer also can be opened when you using the R/A and P/O function: A window will shown when you press R/A or P/O key, input the R/A or P/O amount. Press the Cash/OK key, and then cash drawer open.

5.7 Use PLU

Method 1: Edited PLU callout

1) Press the PLU key

2) Input the preset PLU number.
3) Hold on for two seconds, or press the Cash/OK key.
Needed goods will be shown on the sales list.

Method 2: Use the hotkeys (1 ~ 56)

1) Use the hotkeys 1 ~ 28: Directly press the corresponding hotkey (the gray figure on the top side of hotkey keyboard).
2) Use the hotkeys 29 ~ 56: Press the shift key first, then press the corresponding hotkey (the gray figure on the under side of hotkey keyboard), the preset goods will be shown on the sales list.

5.8 Edit (new) PLU information

1) Press PLU for 2 seconds, and then enter the PLU edit situation.

2) Input the PLU number.

```
0/16                              123
Press Input PLU No.:




Press [OK] to save
```

3) Press Cash/OK key.
4) Input the corresponding goods information in the opened window.

```
0/20                              ABC
Hot-key: 1
PLU No.: 1
Name:
Price: 6.20
Income Price: 1.00
BC:
DEPT No.: 1
Stock: 1
Wain Stock: 1
```

5) Press Cash/OK key for storing
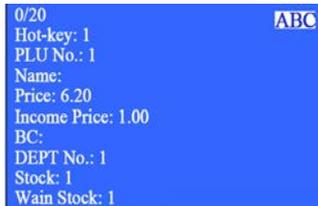
5.9 Calculator

1) Press <img_calculator> key for entering the calculator mode.

2) Please calculate by number keys and **Subtotal**, **Discount**, **Time**, **Calculator** keys.
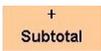
3) Press Void key for exiting the calculator mode.

5.10 Receipt

5.10.1 Record receipt
In the sale, purchase and refund mode, the ECR will auto print the receipt when customer check out. All the recorded receipt have be checked in the report management.

Note: Z report items will be cleared after printing. If you need Z report printing, please keep the printed out receipts.

5.10.2 Void one and Void all
Void function:

1) Press the R/A and P/O for selecting the goods that you want to delete. Press Void key.

2) In the menu interface, press the Void key to return the previous menu.

Void All function:

1)   Press Void All key to cancel all the products which in the sales list.
2)   In the menu interface, press the Void All key to cancel all the operations.

5.10.3 Discount and Premium:

1) Discount and Premium operations are same, so the follow just give the discount sample:

2) One goods discount:

a. When the cursor on one goods in the sales list, press the discount key to the discount interface (if this goods allowed to discount). Input discount rate, such as 10% off, please input 90.

3) Subtotal discount (Total goods discount)
a. Inputted all sale goods, and then press Cash/OK key to enter subtotal interface, press the discount key to enter discount interface. (Un-allowed to discount goods cannot be discounted). Input the discount rate or discount the amount, then press Cash/OK key to finish the discount operations.

5.10.4 Change

Inputted all sale goods, and then press Cash/OK key to enter subtotal interface, input the paid amount then press Cash/OK key, the change and payment will be shown on the display and receipt.

5.11 Refund and purchase

5.11.1 Refund

Switch on the ECR, and in the user login situation, press Refund / Purchase key to enter the refund mode. The refund word will on the middle under part of the display (as the picture). Refund mode operation and shown are same as sale mode. Please return the sale interface after finish the refund.

5.11.2 Purchase

Switch on the ECR, and in the user login situation, press Shift key then Refund / Purchase key to enter the purchase mode. The purchase word will on the middle under part of the display (as the picture). Purchase mode operation and shown are same as sale mode. Please return the sale interface after finish the purchase.

6. Operation Menu

6.1 Menu operation method

1) Press the menu key for entering the main menu.

2) Press R/A ↑ , P/O ↓ keys and PLU → , Search ← keys to select the menu option. (You can

choose the menu options by the last number of option left side, to enter the next menu or carry out the selected menu functions.)

3) Press the Cash/OK key to enter the next menu or carry out the selected menu functions.

4) Press the Void key to return the previous menu or cancel current operation.

5) Press the Void All key to cancel all the operations, return the main menu.

6.2 PLU

This ECR can store 60,000 PLUs and 56 hotkeys, the preset product name, price, barcode label and so on information can be recorded in PLU.

6.2.1 Store the products information to PLU

1) In the menu, select the 【PLU】→【PLU setting】→【Define and Edit】

2) Input the PLU number(the number be defined by seller, not the barcode)
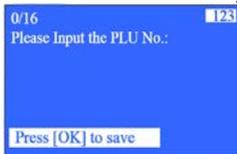
3) Press Cash/OK key to setting interface.
4) Input the corresponding goods information in the opened window.
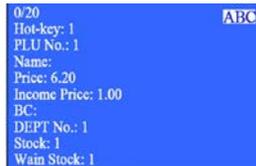
5) Press the Cash/OK key to store the new PLU.

6.2.2 Department setting

Department is the commodity classification, which can be printed by department sales reports.
1) In the menu, select the 【PLU】→【Department】

2) Open the window, input the department number and name
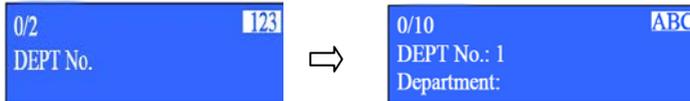
3) Press the Cash/OK key to store setting.

6.2.3 Hotkeys setting

User can directly use the 56 PLUs hotkeys to sell the 56 hot sale goods.

1) In the menu, select the 【PLU】 → 【Hot-key】
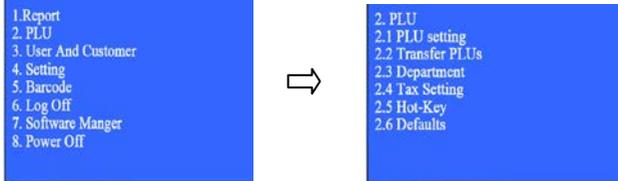
2) Open the window, input the PLU number and Hot-key numbers. (You also can press Hotkey for the corresponding No.)
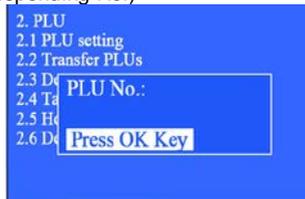
3) Press the Cash/OK key to finish the inputted PLU goods information and hotkey details.

6.2.4 Directly print the hotkeys PLU content

If you need to know all the hotkeys' product information, you can print a complete hotkey setting list:

1) In the menu, select the 【Report】 → 【other reports】 → 【Hot-key list】

2) Press the Cash/OK key to print the list.

6.2.5 Default PLU (switch hotkey to another set of stored hotkey goods)

If you need to use the default PLU to record seasonal goods information. Using the PC software to input the default goods information, the 56 hotkeys will change to the default goods information if use this function.

1) In the menu, select the 【PLU】→【Default】→【Default 1】→【Default 2】

2) Press the Cash/OK key to change the current 56 hotkeys to the selected default goods information.
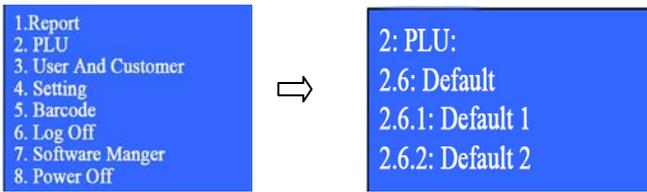
6.2.6 Print the default PLU content

If you need to know all the product name stored details, you can print a complete stored content list:

1) In the menu, select the 【Report】→【other reports】→【Default】

2) Press the Cash/OK key to print the default PLU stored content list.

6.3 Receipt printing setting

6.3.1 Title font size (only effective for head and tail message)

1) In the menu, select the 【Setting】 → 【Receipt Setting】 → 【Message Font Size】

1.Report	4: Setting	4: Setting
2. PLU	4.1: Printer Set	4.3: Receipt Setting
3. User And Customer	4.2: Idle Message	4.3.1: Message Font Size
4. Setting	4.3: Receipt Setting	4.3.2: Logo
5. Barcode	4.4: Head Message	4.3.3: Print Message
6. Log Off	4.5: Tail Message	4.3.4: Print
7. Software Manger	4.6: System Setting	4.3.5: Print Receipt Items
8. Power Off	4.7: Discount & Premiun	4.3.6: Reprint by press[cash] key
	4.8: Round	4.3.7: Reprint Number

2) Select the font size according to your need.

Message Font Size

1. Normal
2. Double
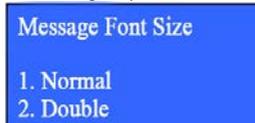
3) Press the Cash/OK key to finish the setting operations.

6.3.2 Head and Tail message

1) In the menu, select the 【Setting】 → 【Head Message】 or【Tail Message】

1.Report	4: Setting
2. PLU	4.1: Printer Set
3. User And Customer	4.2: Idle Message
4. Setting	4.3: Receipt Setting
5. Barcode	4.4: Head Message
6. Log Off	4.5: Tail Message
7. Software Manger	4.6: System Setting
8. Power Off	4.7: Discount & Premiun
	4.8: Round
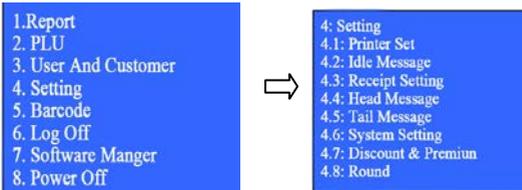
2) Please input the Head and Tail message by you like(You can set 4 lines head message and 2 lines tails message, one line can be inputed 30 letters)

Head Message

0/30   ABC
Line 1:
Line 2:
Line 3:
Line 4:

Tail Message

0/30   ABC
Line 1:
Line 2:
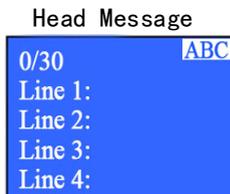
3) Press the Cash/OK key to finish the setting operations.

6.3.3 Reprint number

1) In the menu, select the 【Setting】→【Receipt Setting】→【Reprint Number】

2) Input the reprint number for each check out. (1~4)
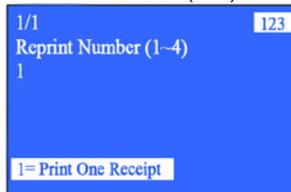
3) Press the Cash/OK key to finish the setting operations.

6.3.4 Printing font gray

1) In the menu, select the 【Setting】→【Receipt Setting】→【Font Gray】

2) Input the printing font gray level that according to your demand.(Printing font gray level from 1 to 10. The printed words are more black if the font gray level higher, but the printer mechanism will easy to wear)

```
1/2                    123
Font Gray (1~4)
5



Press [OK] to save
```

3) Press the Cash/OK key to finish the setting operations.

6.4 Others setting

6.4.1 Time and date

1) In the menu, select the 【Setting】→【System Setting】→【Date & Time】
2) Select the "Date & Time" option.

```
1.Report                    4: Setting                  4: Setting
2. PLU                      4.1: Printer Set            4.6: System Setting
3. User And Customer        4.2: Idle Message           4.6.1: External Device
4. Setting                  4.3: Receipt Setting        4.6.2: Date & Time
5. Barcode                  4.4: Head Message           4.6.3: Machine No.
6. Log Off                  4.5: Tail Message           4.6.4: Network
7. Software Manger          4.6: System Setting         4.6.5: Tone (ON)
8. Power Off                4.7: Discount & Premiun     4.6.6: Auto add with Previous (OFF)
                            4.8: Round                  4.6.7: Recover Setting
                                                        4.6.8: Reset time of daily report (hour)
```

3)Input the current date and time.

```
Tuesday    2011/04/26
Time: 14:18:58




Press [OK] to save
```
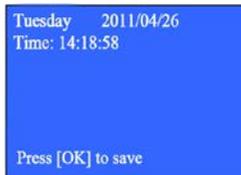
4) Press the Cash/OK key to finish the setting operations.

Note: You cannot set the previous date if there are the sales data, please clear the sales data and then set the previous date.

6.4.2 Buzzer hint sound

1) In the menu, select the 【Setting】→【System Setting】→【Tone】

2) Open the interface and select the tone on or off .

3) Press the Cash/OK key to finish the setting operations.

6.4.3 ECR number (machine number)

If there are many cash registers in one store, please set a number to each cash register.

1) In the menu, select the 【Setting】→【System Setting】→【Machine No.】


2) Input the cash register number（1~99）
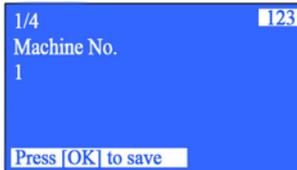
3) Press the Cash/OK key to finish the setting operations.

6.4.4 ECR standby Message

1) In the menu, select the 【Setting】→【Idle Message】
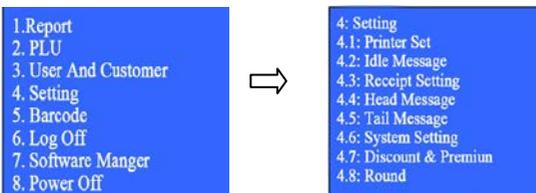
2) Open the interface and input the standby message which will be shown on the ECR display **.**

```
1/80                    ABC
Idle Message
```
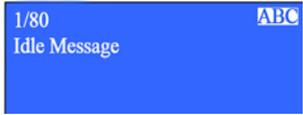
3) Press the Cash/OK key to store

6.5 Report

6.5.1. Print the daily reports

1) In the menu, select the 【Reports】 → 【Sale】 → 【Daily Report】

2) Press the Cash/OK key to print the daily report

6.5.2 Print PLU reports

1) In the menu, select the 【Reports】 → 【Sale】 → 【PLU Report】

2) Press the Cash/OK key to print the PLU report

6.5.3 Query PLU sales report

1) In the menu, select the 【Reports】 → 【Sale】 → 【Query PLU Report】

2) Input the PLU number in the opening window.

3) Press the Cash/OK key, and will shown the inputed PLU sales statistics situation.

6.5.4 Print sales period report

1) In the menu, select the 【Reports】→【Sale】→【Period Report】

2) Input the period report start date and end date in the opening window.
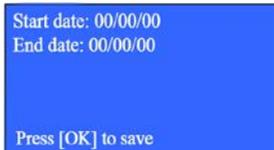
3) Press the Cash/OK key to print the queried sales period report.

6.5.5 Print PLU sales period report

1) In the menu, select the 【Reports】→【Sale】→【PLU Period Report.】

2) Input the PLU period report start date and end date in the opening window.

Start date: 00/00/00
End date: 00/00/00

Press [OK] to save
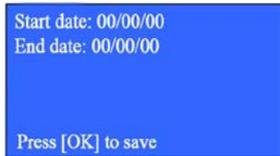
3) Press the Cash/OK key to print the queried PLU period report.

6.5.6 Query PLU sales period report

1) In the menu, select the 【Reports】 → 【Sale】 → 【Query PLU Period Report.】

1.Report	1: Reports	1: Reports
2. PLU	1.1 Sale	1.1: Sale
3. User And Customer	1.2 Refund	1.1.1: Daily Report
4. Setting	1.3 Purchase	1.1.2: PLU Report
5. Barcode	1.4 X report	1.1.3: Query PLU Report
6. Log Off	1.5 Z report	1.1.4: Period Report
7. Software Manger	1.6 Stock	1.1.5: PLU Period Report
8. Power Off	1.7 Other Reports	1.1.6: Query PLU Period Report
	1.8 Transfer Reports	
	1.9 Clear-out	

2) Input the query PLU period report start date and end date in the opening window.

Start date: 00/00/00
End date: 00/00/00

Press [OK] to save
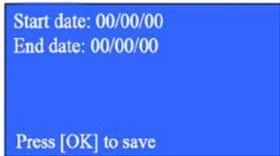
3) Press the Cash/OK key to show the queried PLU product sales situation in this period.

6.5.7 Clear the history report

1) In the menu, select the 【Reports】 → 【Clear-out】

1.Report	1: Reports
2. PLU	1.1 Sale
3. User And Customer	1.2 Refund
4. Setting	1.3 Purchase
5. Barcode	1.4 X report
6. Log Off	1.5 Z report
7. Software Manger	1.6 Stock
8. Power Off	1.7 Other Reports
	1.8 Transfer Reports
	1.9 Clear-out

2) Please confirm wether clear-out the all reports, press the Cash/OK key to finish the setting operations

Note: All of the historical report data will be lost and cannot be restored after Clear History

Report.

X report data doesn't automatically update, need the user to manually clear the reports and then X report data will be updated.

Z report data will clear the corresponding report information if make the printing operation. Please pay attention to retain printed reports.

Other report data are the original records, cannot be clear-out unless restore the factory setting.

7. Errors and Warnings

Errors No.	Faults	Reason
1	Input Value is Invalid	Scale No (n), n = NULL or n = 0 Printer Gray(n), n = NULL or n = 0 or n > 10
2	PLU Barcode Invalid	PLU Barcode = NULL.
3	PLU NO. Invalid	PLU No is not a integer or PLU No = 0
4	No Paper	install paper in printer
5	PLU not Found	When Editing or Selling PLU, PLU can't be found with the PLU No or Hotkey
6	IP Address Invalid	input IP Address is invalid
7	Date is Invalid	The inputed date is not the valid date
8	Password Inconsistent	Password and Confirm password is different.
9	Wrong Password	Password is not right
10	Quantity Invalid	quantity's decimal digits > 3
11	Price Invalid	Price's decimal digits > 2
12	Memory Full	Memory for PLU data is full and input 6,000 PLU. Can't add any new PLU
13	Receipt Paid	After customer paid for the receipt, can't do discount operation again
14	PLU Data Memory Error	PLU Data Memory error. Should Erase all PLU data or Download PLU again
15	Can't Sell over 50 Items	For one receipt. Max item number is 50.If more than 50 items, should print that at second receipt
16	Department No. Invalid	Department No(n). n = 0 or n > 99
17	Barcode is Repeated	When editing standard barcode, the barcode you input is using by another PLU
18	PLU No is repeated	When editing PLU, more than one PLU has

		same PLU No. It may cause by downloading PLU form PC software
19	Physical Address Invalid	Network's hardware address is invalid. For example, 00 00 00 00
20	Digit Overflow	Quantity of decimal digits(unit price and total price) more than 3
21	Result Overflow	Calculator result is overflow
22	Divisor can't be 0	Calculation such as 0/0, 1/0 is forbid
23	Cannot Accumulated	The goods price is wrong, or add to sales items
24	PLU not Exist	When editing standard barcode, the PLU No. you input is not existed
25	Report not found	Have not record of report you are querying
26	Quantity over Max Value	Quantity is more than 99999
27	Total Amount over Max Value	Total Amount is more than 9999999
28	Pay lower then total	For example : total =23.67 pay money=21.00
29	Discount more than Total Amount	When discount amount is more than receipt amount.
30	Can't Change Date Back	Input date lower than today.
31	Time is Invalid	The inputed time is not the valid time, such as: 55:66:77
32	U-Disk Writing Failed	Cannot save data on U-disk.
33	U-Disk Reading Failed	Cannot read data from U-disk.
34	U-Disk Space is full	Clean data of U-disk and do your operation again
35	U-Disk not found	Check connection of U-disk
36	U-Disk writing and reading failed	try again last operation of U-disk
37	U-Disk Unrecognized	try again or change a new U-disk
38	File not Found	Can't find file in the U-Disk

8. Note

Please note when you install the cash register. Please understand the instruction first. When you are using this cash register, please make sure the plug insert in the insert the appropriate socket. Please connect the power with the cash register 30 minutes before you use this cash register, in order to service life is longer.

Do not load the goods on the cash register.
Do not disassemble the cash register, if any defaults occur. Please your authorized dealer immediately for proper repair.
To reduce electric shock or the data read errors occuring, do not splash the water on the cash register or placed the machine on damp places.
To prevent fire, do not let the flammable or corrosive gas near the machine.
Do not pull the wire for unpluging the plug, damaged wire can cause electric shock or fire.
Using the appropriate adapter.The error adapter will not damage the machine
Plug firmly fixed into the sockett to prevent electric shock.
Avoid to place the machine near heat sources or direct sunlight.
Please hold on to the bottom of the machine when you move the cash register.
Avoid the sudden strike to damage the internal parts.
Place the machine placed in the normal temperature environment.
When don't use the machine for a long period, please remove the batteries.Battery leakage is very dangerous.
Far away the electromagnetic interference which from other devices, avoidt to affect the machine's life.

＊ *This equipment is for indoor using, all communication wires are limited in the building*

9. Appendix one: Menus list and functions outlined

Menu option	Function description
1: Report	
1.1: Sale	
1.1.1: Daily Report	Print the daily sales statistical report
1.1.2: PLU Report	Print the PLU daily sales statistical report
1.1.3: Query PLU Report	Query the goods sales situation according to the PLU No.
1.1.4: Period Report	Print the selected period sales statistical report
1.1.5: PLU Period Report	Print the selected period PLU sales statistical report
1.1.6: Query PLU Period Report	Query the goods selected period sales situation according to the PLU No.
1.2: Purchase	
1.2.1: PLU Report	Print the PLU daily purchase statistical report
1.2.2: PLU Period Report	Print the selected period PLU purchase statistical report
1.3: X Report	
1.3.1: X Financial Report	Print the financial statistical report
1.3.2: Period Report	Print the period statistical report
1.3.3: X Refund Report	Print the refund statistical report
1.3.4: X Clerk Report	Print the clerk sales statistical report
1.3.5: Department	Print the department sales statistical report
1.3.6: Customer Report	Print the one of customers sales statistical report
1.4: Z Report	
1.4.1: Z Financial Report	Print the financial statistical report, and clear out the report data
1.4.2: Z History Report	Print the historyl statistical report
1.4.3: Z Gross Profit Report	Print the gross profit statistical report, and clear out the report data
1.4.4: Z Tax Report	Print the selected period tax report
1.4.4: Z Refund Report	Print the refund statistical report, and clear out the report data
1.4.5: Z Clerk Report	Print the clerk sales statistical report, and clear out the report data
1.5: Stock	
1.5.1: PLU Stock	Print the PLU stock summary report
1.5.2: PLU Stock Warning	Print goods message when this goods'actual stock quantity shorter than the warning stock quantity
1.6: Other Report	
1.6.1: Journal Account Report	Input the start and end journal account No. for print the journal account report
1.6.2: Default Name	Print the prestored default name (1/2) setting list.
1.6.3: Hotkey List	Print the current hotkey setting list.

1.7: Transfer Reports	
1.7.1: Import Reports	Import the reports from other memorizer (such as U-disk) to cash register by USB port.
1.7.2: Export Reports	Export the reports from cash register to other memorizer (such as U-disk) by USB port.
1.8: Clear-out	Clear-out all report data
2: PLU	
2.1: PLU setting	
2.1.1: Define and Edit	Define or edit PLU
2.1.2: Search	
2.1.2.1:Search	Set whether searching.
2.1.2.2:Re-sort PLU List	Set whether re-sort PLU list.
2.1.3: PLU Stock	
2.1.3.1: Add Stock	Add stock by PLU No.or valid barcode number
2.1.3.2: Reduce Stock	Reduce stock by PLU No.or valid barcode number
2.1.3.3: Search Stock	Search stock by PLU No.or valid barcode number
2.1.4: Change Price	Change goods sales price by PLU No.or valid barcode number.
2.1.5: Delete	Delete the corresponding goods information by PLU No.or valid barcode number.
2.1.6: Delete ALL	Delete all of PLU goods information.
2.2: PLU Transfer	
2.2.1: Import PLU	Import the PLU inofrmation from other memorizer (such as U-disk) to cash register by USB port.
2.2.2: ExportPLU	Export the PLU information from cash register to other memorizer (such as U-disk) by USB port.
2.3: Department	Set department information
2.4: Tax Setting	
2.4.1: Start Tax Mode	Set whether start tax mode
2.4.2: Tax Rate Mode	Set the unit price whether include the tax mode
2.4.3: Tax Categories（1～10）	
2.5: Hotkey	Set hotkey corresponding PLU.
2.6: Default Name	
2.6.1: Default Name1	Use prestored default name 1 to in stead of the current hotkey PLU.
2.6.2: Default Name2	Use prestored default name 2 to in stead of the current hotkey PLU.
3: User	
3.1: User	
3.1.1: Define and Edit	Define or edit user information, password, permission
3.1.2: Clerk Operations	
3.1.2.1: No sale opening	Set opening the cash drawer when no sales

cash drawer	
3.1.2.2: Log off when some sales hold on	Set allowed to log off when some sales hold on
3.1.2.3: Whether print the receipt after checking out	Set whether print the receipt after checking out
3.1.2.4: Whether manual input the payment amount	Set whether manual input the payment amount
3.1.2.5: Manual change price	Set the clerk whether can manual change the price when checking out.
3.1.2.6: Manual sell	Set the clerk whether can input the unit price for directly sale.
3.1.2.7: Allow negative stock	Set whether allow negative stock.
3.1.2.8: Log off after finishing the sales	Set whether log off after finishing the sales
3.2: Customer	
3.2.1: Define and Edit	Define or edit customer information
3.2.2: Change the credit line	Change the customer credit line
3.2.3: Delete	Set whether delete the customer information
4: Date Managment	
4.1: Print Receipt	
4.1.1: Customer	
4.1.1.1: Three Customer	Open the three customers same time service mode
4.1.1.2: One Customer	Open the one customers service mode
4.1.2: Printing Gray	Set receipt printing gray level
4.2: Standby information	Input the ECR standby information
4.3: Receipt Setting	
4.3.1: Font Size	Set receipt title font printing size
4.3.2: Print Logo	Set receipt whether print head / tail logo
4.3.3: Print Message	Set receipt whether print head / tail message
4.3.4: Print Receipt	Set whether printer the receipt and report
4.3.5: Print Receipt Items	Set receipt printing content（serial number、tax amount、total discount amount、PLUdiscount amount、total premium amount、PLU premium amount、units、total weight、currency symbol、PLUbarcode）
4.3.6: Press the [Cash] key for re-printing	Set press [Cash] key whether re-print last time checking out receipt
4.3.7: Reprint Number	Set reprint receipt number after checking out
4.4: Head Message	Set printing receipt head message
4.5: Tail Message	Set printing receipt tail message
4.6: System Setting	
4.6.1: External equipments	
4.6.1.1: Serial Port Setting	Set serial port connecting equipments（external

	customer display、external printer、external conmmunication[such as PC]）
4.6.2: Date & Time setting	Set ECR date and time
4.6.3: Machine No.	Set ECR number (machine number)
4.6.4: Network Setting	
4.6.4.1: Network Setting	Set network data (gateway, server and native machine IP address)
4.6.5: Tone	Set whether tone prompt function.
4.6.6: Automatic Accumulate to sales items	On or off the automatic accumulate to sales items function
4.6.7: Language	Set the display language
4.6.8: Restore Settings	
4.6.8.1: Restore Factory Settings	Restore the machine data to factory Settings
4.6.8.2: Default System Setting	Restore the machine data to default situation
4.6.9: Daily report record time	Set, save and reset the daily report time (default 24 time)
4.7: Discounts and Premium	
4.7.1: Manual Discount	
4.7.1.1: PLU Manual Discount	On or off PLU manual discount function
4.7.1.2: Subtotal Discount	On or off Subtotal discount function
4.7.2: Manual Premium	
4.7.2.1: PLU Manual Premium	On or off PLU manual premium function
4.7.2.2: Subtotal Premium	On or off subtotal premium function
5: Barcode	
5.1: Print Barcode	Call out the barcode by unit price, quantity, amount etc. data.
5.2: HRI	Open the barcode font printing function.
5.3: Line Barcode	Open sales barcode information creating and printing function
6: User Log Off	Log off
7: Version Information	Show ECR version information
8: Power Off	Power off ECR