

ELECTRONIC CASH REGISTER

User's Manual

(ECR-3A/3B/04)

All specifications are subjected to change without notice

Introduction

Congratulations on your selection of our ECR Product. This ECR is the product of the world's most advanced electronic technology, for outstanding versatility and reliability. Simple operation is made possible by large display and enough connector layouts.

A specially designed keyboard layout and a bright, easy-to-read display help to take the fatigue out of long hour's operation.

FCC WARNING: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The main plug on this equipment must be used to disconnect mains power. Please ensure that the socket outlet is installed near the equipment and shall be easily accessible.

Safety Precaution

To use this product safely and correctly, read this manual thoroughly and operate as instructed.

After reading this guide, keep it close at hand for easy reference. Please keep all information for future reference.

Always observe the warnings and cautions indicated on the product.

About the icons

In this guide various icons are used to highlight safe operation of this product and to prevent injury to the operator and other personnel and also to prevent damage to property and this product.

The icons and definitions are given below:



Indicates there is a risk of severe injury or death if used incorrectly.



Indicates injury or damage may result if used incorrectly.



This symbol indicates that it includes some symbol for attracting attention (including warning). In this triangle the actual type of precautions to be taken (electronic shock, in this case) is indicated.



This symbol indicates a prohibited action (disassembly, in this case) will be indicated.



This symbol indicates a restriction, in this case the type of actual restriction (removal of the power plug from an outlet, in this case) is indicated.

Warning

Handling the Cash Register



Should the register malfunction, start to emit smoke or strange odor, or otherwise behave abnormally, immediately shut down the power and unplug the AC plug from the power outlet. Continued use creates the danger of fire and electric shock.



Do not place containers of liquids near the register and do not allow any foreign matter to get into it. Should water or other foreign matter get into the register, immediately shut down the power and unplug the AC plug from the power outlet. Continued use creates the danger of fire and electric shock.



Should you drop the register and damage it, immediately shut down the power and unplug the AC plug from the power outlet. Continued use creates the danger of shorting, fire and electric shock. *Attempting to repair the register yourself is extremely dangerous.*



Never try to take the register apart or modify it in any way. High-voltage components inside the register create the danger of fire and electronic shock.

Power plug and AC outlet



Use only a proper AC electronic outlet (90V ~ 265V). Use of an outlet with a different voltage from the rating creates the danger of malfunction, fire and electric shock. Overloading an electric outlet creates the danger of overheating and fire.



Make sure the power plug is inserted as far as it will go. Loose plugs create the danger of electric shock, overheating, and fire. Do not use the register if the plug is damaged. Never connect to power outlet that is loose.



Use a dry cloth to periodically wipe off any dust built up on the prongs of the plug. Humidity can cause poor insulation and create the danger of electric shock and fire if dust stays on the prongs.



Do not allow the power cord or plug to become damaged, and never try to modify them in any way. Continued use of a damaged power cord can cause deterioration of the insulation, exposure of internal wiring, and shorting, which creates the danger of electric shock and fire.

Caution



Do not place the register on an unstable or uneven surface. Doing so can cause the register especially when the drawer is open to fall, creating the danger of malfunction, fire, and electric shock.



Do not place the register in the following areas.

Areas where the register will be subject to large amounts of humidity or dust, or directly exposed to hot or cold air.

Areas exposed to direct sunlight, in a close motor vehicle, or any other area subject to very high temperatures.

The above conditions can cause malfunction, which creates the danger of fire.



Do not overlay bend the power cord, do not allow it to be caught Between desks or other furniture, and never place heavy objects on top of the power cord. Doing so can cause shorting or breaking of the power cord, creating the danger of fire and electric shock.



Be sure to grasp the plug when unplugging the power cord from the wall outlet. Pulling on the cord can damage it, break the wiring, or cause short, creating the danger of fire and electric shock.



Never touch the plug while your hands are wet. Doing so creates the danger of electric shock. Pulling on the cord can damage it, breaking the wiring, or cause short, creating the danger of fire and electric shock. Never touch the printer head and the plate.

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To use this product safely and correctly, read this manual thoroughly and operate as instructed.

This user's manual will guide you:

1. Getting started;
2. Introducing ECR;
3. Basic operation and setups;
4. Advanced operation;
5. Troubleshooting and how to solve it.

Battery

This machine is with a battery (optional), a factory battery switch OFF, if you need to open the battery function, it is required to open the battery cover behind the machine, and the switch hit the "ON" state, when you don't need to use batteries, the switch to play in "OFF".

Battery switch to "ON", when loading electric pull out, also machine can be in the normal operation of the model, when "battery online", suggesting the battery is low, at this time the battery can't complete with boot, need to open the switch, the charging can.

Note: Use battery mode, should be in the cashier menu options "power off" to get the machine turned off.

General

Thanks very much for choosing our product. Please choose our product to use this product safely and correctly, read this manual thoroughly and operate as instructed. After reading this guide, keep it close at hand for easy reference. Please keep all information for future reference.

Always observe the warnings and cautions indicated on the product.

Notice:

This manual has been prepared for various models with same body that have built at Our Company. So some content of this manual may not use on your device.

1.1 Specification

1.1.1 Specification data

- 20,000 PLUs, 99 Departments, 50 promoters, up to 8 clerks are allowed to use the same machine per day.
- Able to support multi-sales mode, such as change price temporarily, add, discount, return, receive or paid out currency for non-sales transaction, etc.
- Update management software and data via Ethernet port or RS-232 port

Interface	1xEthernet port, 1xRS232 port, 1xPS/2, 1x cash drawer connection
Display	128 X 64LCD (Operator) Five line display Color backlight 9-segment LCD(Customer)
Printer type	Thermal printer
Print speed	50 mm/s
Power supply	AC100V-240V
Operation temperature	-10°C-70°C
Operation humidity	20%-90% RH
Life	Working period without failure MTBF >=60,000 hours
Protection	Capable of continuously working for over 4 hours to avoid the business loss when power cut.

1.1.2 Performance Parameter

- 1) Reports: daily sales reports, hourly reports, stock products reports
- 2) Change the PLU price, and check the PLU
- 3) Keys “R/A” and “P/O” open cash drawer is available
- 4) Lodging takes orders, over 32 orders.
- 5) Goods storage function, easy to manage your inventory.

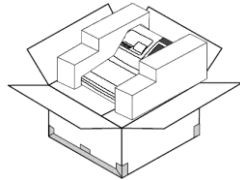
1.2 Installation before using

This section outlines how to unpack the cash register and get it ready to operate. You should read this part of the manual even if you have used a cash register before. The following is the basic set up procedure, along with page references where you should look for more details.

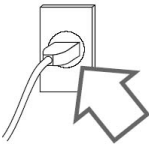
1. Take out the cash register from its box.

For your confirmation:

- 1 x Cash register
- 1 x RS232 cable
- 1 x Power Adaptor
- 1 x User's Manual
- 1 x CD (PC software)



2. Plug the cash register into a wall outlet.



Be sure to check the sticker on the side of the cash register to make sure that its voltage matches that of the power supply in your area. The printer will operate for a few seconds. Please do not pass the power cable under the drawer.

3. Install receipt/ journal paper.

Caution!

- Never touch the printer head.
- Avoid heating/direct sunlight.
- Avoid dusty/humid places for storages.

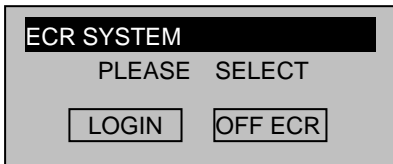
1.2.1 Printer paper installation

Step 1

Place the power switch onto "ON".

Step 2

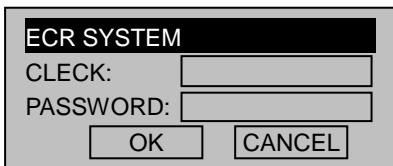
The operator display after power ON.



ECR SYSTEM
PLEASE SELECT
LOGIN OFF ECR

Select "LOGIN" by **CASH** key.

Step 3

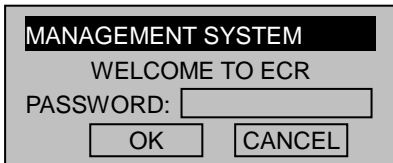


ECR SYSTEM
CLECK:
PASSWORD:
OK CANCEL

Step 4

Press **Menu** key.

Then input the original management system password: "0" to login.



MANAGEMENT SYSTEM
WELCOME TO ECR
PASSWORD:
OK CANCEL

Step 5

Remove the printer cover by side. 58mm width paper rolls.

Step 6

Ensuring the printer paper is being fed from the printer.

Step 7

Press the **FEED** key, and then put the leading end of the paper over the printer.

Step8

Close the printer cover.

Step 9

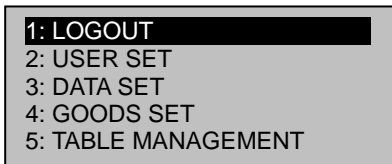
Pass the leading end of the printer paper through the cutter slot.

1.2.2 Keyboard

Key Name	Function
Cash / OK	Records receipts, show the calculated results, operation confirm.
Number keys	press number keys and this key for inputting amount, words and select the menu options
R/A	Non-trading income, and can open the cash box when trading case
Void All	Remove all items from the list
C	Clear the wrong inputted information and go back the normal interface, or clear the input operation.
Shift	Enter the menu, or shift the other function
Feed/Back	Feed in a blank paper, or reposition the black mark
Price	Temporary change the PLU price or division price
Premium	Input the amount for premium
Service Fee	Add the service fee
Code	Sell the good by code mode
Void	Delete a goods from the list, or return to the previous menu
Discount	Calculate discounts
Coupon	Coupon operation
Salesman	Input the goods with salesman relations
*/ Time	Input the PLU, division sales quantity. Return the stand by interface in the operation.
Division 1-10	Sell goods by the division shortcut sale operation
PLU	Enter PLU edit mode
↓	Down key
↑	Up key

1.2.3 Menu

1.2.3.1 Mange login, password: 0



Example:

1: LOGOUT

2: USER SET

3: DATA SET

- 1: OPERATOR
- 2: SALESP ROMOTER
- 3: CHANGE LOGIN

- 1: LANGUAGE
- 2: DISCONUT
- 3: COUPON
- 4: ROUNDING
- 5: HEAD MSG
- 6: TAIL MSG
- 7: DATE&TIME
- 8: SET INTERFACE
- 9: PRINT RECEIPT
- 10: PRINT TIME
- 11: CURRENCY UNIT
- 12: PAYING METHOD
- 13: LCD CONTRAST
- 14: SEND TO COM
- 15: REPRINT NUMBER
- 16: FONT GRAY
- 17: PRINT LOGO

4: GOOD SET

5: TABLE

- 1: SET PLU
- 2: PLU QUERY
- 3: HOT KEY
- 4: SET DEP
- 5: RESET PRICE
- 6: RESET STOCK
- 7: ADD STOCK
- 8: RESET PLU
- BARCODE
- 9: DEL PLU

- 1: TABLE NUMBER
- MODE
- 2: TABLE
- MANGEMENT
- 3: QUERY
- MANGEMENT

7: OTHER

8: STSTEM

6: REPORTS

- 1: HISTORY DAILY
- REPORTS
- 2: MONTH REPORT
- 3: PERIOD REPORT
- 4: ELECTRONTC
- JOURNAL
- 5: ATTEND TABLE

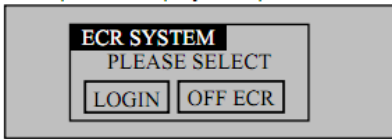
- 1: NET TEST
- 2: KEBOARD TESTING
- 3: CASHBOX TEST
- 4: DISPLAY 1 TEST
- 5: DISPLAY 2 TEST
- 6: PRINT TEST
- 7: CHEAR BACK TO

- 1: DAILY
- 2: CLERKS
- 3: PROMOTERS
- 4: HOURLY
- 5: DEPT
- 6: PLU REPORT
- 7: CLEAR-OUT

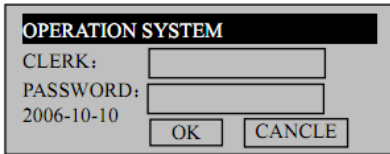
9: VERSION

1.2.3.2 Clerk operation system

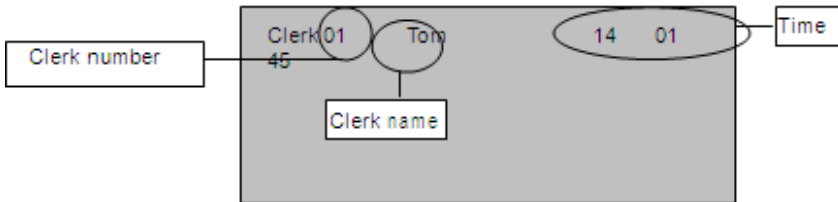
1. Operation display after power on.



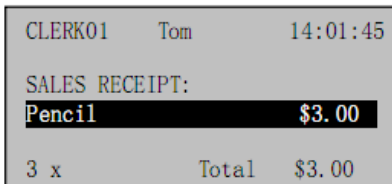
2. Operation interface



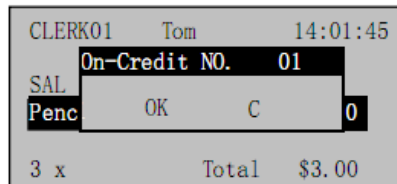
3. Input clerk number and password under this system, then:



4. Different interfaces that under operator's system



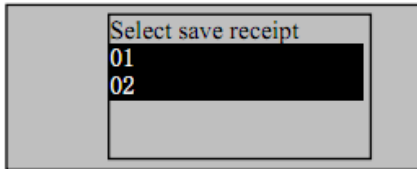
Selling interface



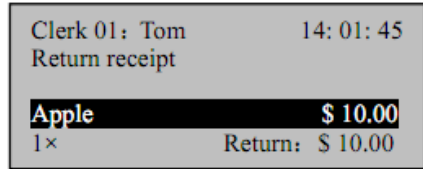
On-credit interface



Subtotal interface

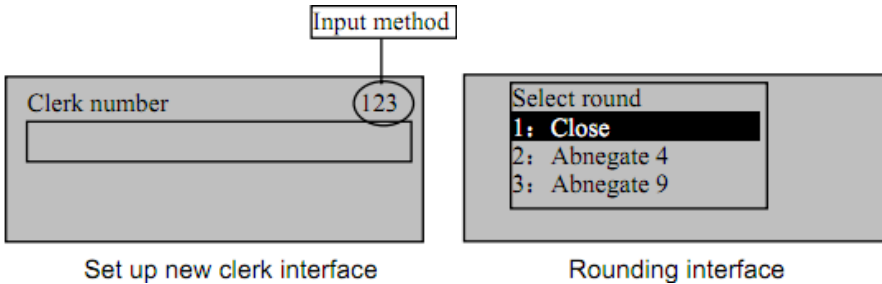


Goods recall interface



Goods return interface

1.2.3.3 Function select



Note: Use **MENU** key to change different input method.

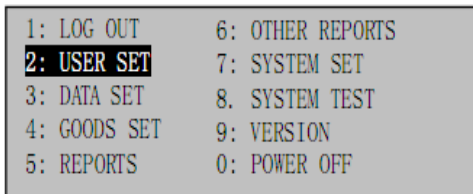
Set databases

2.1 User management

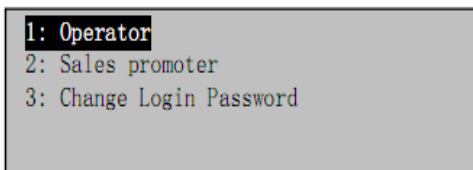
2.1.1 Operator management

2.1.1.1 Set new clerk

Step 01:



Step 02:



Step 03:

1: Add Operator
2: Del. Operator
3: Change Password
4: Clerk Check

2.1.1.2 Delete operator

Step 01:

1: Add Operator
2: Del. Operator
3: Change Password
4: Clerk Check

Step 02:

DEL. OPERATOR
OK
Cancel

Note: This can be operated when:
 1. Operator existed;
 2. Reports have been cleaned.

2.1.1.3 Change Password

Step01:

1: Add Operator
2: Del. Operator
3: Change Password
4: Clerk Check

Step02:

OPERATOR NO.	123
<input type="text"/>	

Step03:

PASSWORD	123
<input type="text"/>	

Step04:

CONFIRM PASSWORD	123
<input type="text"/>	

2.1.2.4 Clerk Check

This function is used to check data of operators, including operator's name, password and clerk number.

Step 01:


```
1: Add Operator
2: Del. Operator
3: Change Password
4: Clerk Check
```

Step 2: Receipt

ZONERICH CO		
CHERK CHECK		
Name	Password	No.
TOM	000	1
JACK	111	99

DATE:2010-09-06 Time: 14:25:34
Call again
Thank you!

2.1.2 Sales promoter management

Step 01:

```
1: Operator
2: Sales promoter
3: Change Login Password
```

Step 02:

```
1: Add new sales promoter↵
2: Del exist sales promoter↵
3: Sales Check↵
```

2.1.3 Change login password

Change loading password manager password

Example: Change the default password "00000000" to "12345678"

Step 01:

```
1: Operator
2: Sales promoter
3: Change Login Password
```

Step 02: Enter "00000000" in current interface and press **CASH** to new interface

ORIGAL PASSWORD	123↵
<input type="text"/>	

Step03: Enter "12345678" press **CASH** to reenter the new password.

Step04: Enter "12345678" press **CASH** to reenter the new password.

2.2 Data management

2.2.1 Language

Manager login → Date set → language, and then press **CASH** key

LANGUAGE
English
中文

2.2.2 Discount

Select “3 data set” under manager mode, then select “1 discount”, press **CASH** key, as follows:

Discount rate	123
<input type="text" value="0.00"/>	

Example: Programming the current discount rate is 95%, operation as follows: Enter the interface for programming discount rate refer to illustration 2-4, press **C** key to clean current record at first, then input 95 for 95% and press **CASH** key, programming is success and “95.00” will be displayed in the futures.

2.2.3 Coupon

Select “3 data set” under manager mode, then select “2 Coupon” and press **CASH** key to program

Discount rate	123
<input type="text" value="0.00"/>	

Example: Programming current coupon is 10%, operation as follows: Press **C** key to clean current record and enter “10” in the interface, then press **CASH** key to finish it. “10.00” will be displayed in the future.

2.2.4 Rounding

Select “3 data set” under manager mode, then select “3 rounding” and press **CASH** key to finish refer to

Select round	
1: Close	5: Abnegate 5
2: Abnegate 1	7: Abnegate 6
3: Abnegate 2	8: Abnegate 7
4: Abnegate 3	9: Abnegate 8
5: Abnegate 4	10: Abnegate 9

Example: Setting the round, operation as follows: Enter the setting interface use **↑** and **↓** for choosing. Select “round” and press **CASH** key to finish the setting.

2.2.5 Head message

Select "3 data set" under the manager mode, then select "4 head message" and press **CASH** to finish, refer to

LINE NO.	123
<input type="text" value="0.00"/>	

Example: Program the ad notes as follows: 1st line=welcome, 2nd line=tax-controlling, 3rd line= ECR, 4th line=33# Changhong road Xiamen.

Welcome ECR
----- -----

Remark: You can enter the line code to look up the head notes you have programmed before, and it's convenient for you.

2.2.6 Tail message

Select "3 data set" under manager mode, then selects "5 bottom message" and press **CASH** key to the programming interface, refer to:

LINE NO.	123
<input type="text" value="0.00"/>	

Example: programming the bottom notes: 1st line=Thank you, 2nd line=see you next time, operation as follows:

Welcome ECR
Thank you See you next time

2.2.7 Setting the date and time

Select "3 data set" under manager mode, and then select "6 date & time" and press **CASH** key to enter the programming interface, refer to:

LINE NO.	123
<input type="text" value="0.00"/>	

Example: Set the date and time as: January 12 2006, 15:25:25, as follows:

- (1) Enter the programming interface, press **CASH** key to date input interface.
- (2) Enter "152525" under time setting mode, press **CASH** key to enter the new interface
- (3) Select "Y" and press **CASH** key to finish the setting, refer to 2-12:

Date & Time
<input type="text" value="Date & Time"/> <input type="text" value="010-09-10 15:32 Friday"/>
<input type="button" value="OK"/>

- (4) Press **CASH** key to go back to manager mode till the "3 data set" is displayed.

2.2.8 Set IP

Select "3 data set" under manager mode, then selects "7 set interface" and Press **CASH** key to setting interface, refer to:

1	Set IP
2	Set MAC ID
3	Net test

1) Set IP address

Example: set the IP for: "192.168.0.100" as follows:

- (1) Select "1 Set IP" refers to up page and press **CASH** key to enter the IP setting interface
- (2) Input "192.168.0.100" and press **CASH** key to finish the setting.

2) Set MAC address

MAC address: used to identify unit

Example: set the MAC address for: "12345678",as follows

- (1) Select "2 set MAC address" press **CASH** key to enter setting interface
- (2) Input "12345678" and press **CASH** key to finish the setting.

3) Net test

Select "3 set net test" press **CASH** key.

2.2.9 Print Time

Manager login → Date set → Date & Time, and then press **CASH** key:

PRINT TIME: YES NO

2.2.10 Currency Unit

Manager login → Date set → Currency Unit, and then press **CASH** key:

Currency Unit \$ TK ARP Rs GEL SR VND USD NONE

Please choose the right one.

2.2.11 Paying method

Manager login → Date set → Paying method, and then press **CASH** key:

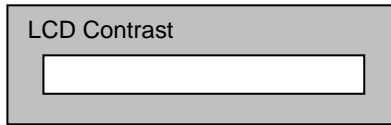
Paying method	
1:	0.000
2:	0.000
3:	0.000
4:	0.000
5:	0.000

Example: 1. USD 6.620. Operations as follow:

- 1) As the up picture shown, press the **CASH** key, enter the payment method interface.
- 2) Input the “USD” payment name, press the **CASH** key, and enter the payment rate interface.
- 3) Input the “6.620” payment rate, press the **CASH** key, enter the time and date set interface.

2.2.12 LCD contrast

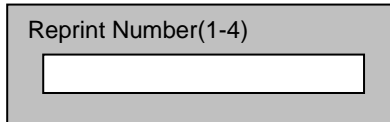
Manager login → Date set → LCD contrast, and then press **CASH** key:



In the "LCD Contrast" setting interface ,pressing **↑** and **↓** adjusted to the appropriate contrast, press **CASH** key .

2.2.13 Reprint number

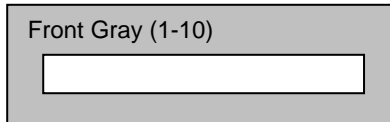
Manager login → Date set →reprint number, and then press **CASH** key:



It allows setting 1-4 repeat receipt in one time

2.2.14 Font gray

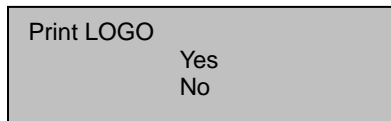
Manager login → Date set →Font gray, and then press **CASH** key:



Print grayscale range can be set from 1-10, the higher the value set by the deeper gray print.

2.2.15 Print LOGO

Manager login → Date set →Font gray, and then press **CASH** key:



Example: set "Print LOGO", do as following:

use the **↑** and **↓** keys or number keys to choose "Yes" or "No", after selecting, press **CASH** key, the " receipt " is heard in printing time will be set.

2.3 Goods set

2.3.1 Set PLU

Manager login → Goods set → SET PLU, and then press **CASH** key:

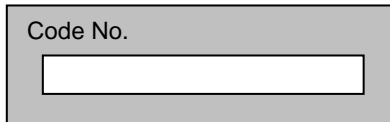
Example:

To set a PLU as: code no.1, Barcode: 6922049002248, PLU name: notebook
Price: 3.5, purchase price: 2, allow to change unit price, refund and direct discount with a rate for 5%, under department 1, stock: 1000, insufficient stock quantity: 10 , as follows:

- (1) Input commodity code NO. "1" and press **CASH** key to the next interface;
- (2) Enter the interface and input bar code "6922049002248", press **CASH** key to enter the commodity code programming interface;
- (3) Input "notebook" and press **CASH** key to enter next interface;
- (4) Input "3.5" and press **CASH** key to enter next interface;
- (5) Input "2" and press **CASH** key to enter next interface;
- (6) Select "item mode" and select "Y" while setting "change unit price", "refund setting", "discount setting", then press **CASH** key to go to next interface;
- (7) Select "direct discount" and press **CASH** key to go to next interface;
- (8) Input "5" and press **CASH** key to enter next interface;
- (9) Input "1" and CASH key to enter next interface;
- (10) Input "1000" and press **CASH** key to enter next interface;
- (11) Input "10" and press **CASH** key, all the setting be finished while ring once.

2.3.2 PLU Query

Manager login → Goods set → PLU query , and then press **CASH** key:

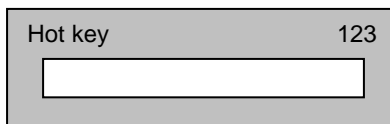


Code No.

Enter the query of a single product code NO.: 1, press **CASH** key, the screen will show all the settings of a single product 1, user-friendly query.

2.3.3 PLU hotkey

Manager login → Goods set → PLU query , and then press **CASH** key:



Hot key 123

Example: the machine is set "PLU hot", as follows:

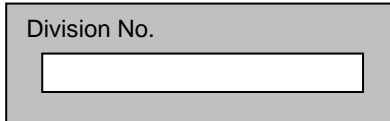
- 1) Figure shows the PLU into the hotkey settings interface, using the number keys to choose, select the "1-10", choose the cash after the confirm button, enter

the product bar code to set a single interface

2) Enter the product of a single product bar codes, then, press cash enter key in the "notes" is heard in the PLU hotkey set.

2.3.3 Set division

Manager login → Goods set → Set division, and then press **CASH** key:

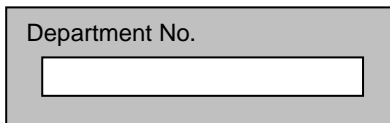


A screenshot of a software interface for setting a division. It features a gray rectangular box with a white text input field. Above the input field, the text "Division No." is displayed in a black font.

You can set the division No., division name, division price. When sales can be directly, press the division key.

2.3.4 Departments set

Manager login → Goods set → Set dept, and then press **CASH** key:



A screenshot of a software interface for setting a department. It features a gray rectangular box with a white text input field. Above the input field, the text "Department No." is displayed in a black font.

Example: To set a department as: department code "1", name: Fruit. As follows:

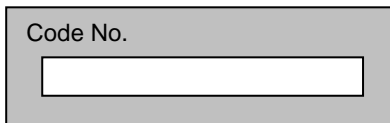
(1) Input department code "1", press **CASH** key, Enter the name of the department editor interface;

(2) Input "Fruit" and press **CASH** key, programming be finished while ring once.

2.3.5 Reset price

Manager login → Goods set → Reset price, and then press **CASH** key:

- 1 PLU price reset
- 2 Division price reset



A screenshot of a software interface for resetting a price. It features a gray rectangular box with a white text input field. Above the input field, the text "Code No." is displayed in a black font.

Example: Change the price of "notebook" to "5", as follows:

(1) Input the code NO."1" and press **CASH** key to enter next interface;

(2) Input price "5" and CASH key, all the setting be finished while ring once.

2.3.6 Add stock

Manager login → Goods set → Add stock, and then press **CASH** key:

A rectangular box with a light gray background. At the top left, the text "Code No." is displayed. Below it is a white rectangular input field with a thin black border.

Example: Add 1000 to the stock of notebook, as follows:

- (1) Input the code NO."1" and **CASH** press key to enter next interface
- (2) Input "1000"and press **CASH** key, all the programming be finished while ring once.

Note: Add stock is effective for PLU only.

2.3.7 Delete PLU

Manager login → Goods set → Del PLU, and then press **CASH** key:

A rectangular box with a light gray background. At the top left, the text "Code No." is displayed. Below it is a white rectangular input field with a thin black border.

Example: Delete "notebook", as follows:

- (1) Input the code NO."1" and press **CASH** key to enter next interface
- (2) Select "Y" and press **CASH** key to delete this PLU.

2.3.8 Clear-out PLU

Manager login → Goods set → clear-out PLU, and then press **CASH** key:

A rectangular box with a light gray background. The text "Clear-out PLU" is at the top left. In the bottom right corner, the words "OK" and "CANCEL" are stacked vertically.

Example: Empty all PLU stored in the cash register, as follows:

Select "OK", then press **CASH** key to empty all the PLU successfully.

Note: Please be careful to do this operation as all PLU will be deleted.

2.4 Table management

2.4.1 Table number mode

Manager login → table management → table number mode, and then press **CASH** key:

A rectangular box with a light gray background. It contains a numbered list of three items:

1. Table number mode
2. Table management
3. Query management

Example: to set the machine "Table management mode", and then press **CASH**

Table management mode
 Market mode
 Server mode
 Restaurant mode

Use the and keys or number keys to choose, select the " Server mode " or " Restaurant mode ", select the key after the cash in "notes "is heard in the print time will be set.

Market mode: the time of sale as pending order, not time nor billing, record only the single. Operations can refer to service mode.

Server mode: set the time period can be calculated according to table service fee. Specific operations in Appendix

Restaurant mode: service model and the difference between the models do not calculate the service charge. Operations can refer to service mode.

2.4.2 Table management

Manager login →table management→Table management, and then press key:

- 1: "Management NO.", input the table number, next input "management name"
- 2: next input "price per period";
- 3: next input "period";
- 4: next input "round minute";
- 5: press CASH key after input round minute, the "drops" is heard in the management table is set up.

2.4.3 Query management

Manager login →table management→Query management, and then press key:

Manage No.(1-5)

Input management No., you can query the table management.

2.5 Reports

It's a record and statistics to the selling data. Manager sign in interface,

1 Logout	6.Other reports
2 User set	7. System set
3 Data set	8.System test
4 Goods set	9. Version
5 Reports	0. Power OFF

2.5.1 Daily-report

(1) Select "5 Reports" and press **CASH** key to enter the reports management interface. Refer to 4-1.

(2) Select "1 date-report" under reports management mode and press **CASH** key to print date-report.

ZONERICH		
DAILY REPORT		
Z1		000000001
START TIME	2007-5-18 14:47	
NAME	COUNT	AMOUNT
DAILY SALES AMOUNT	1	\$0.00
PROFIT		\$0.00
CASH SALE	3	\$0.24
RETURN	0	\$0.00
NO SALE INCOME	0	\$0.00
NO SALE EXPENSE	0	\$0.24
VAT AMOUNT:		\$0.24
CASH INCREASE		\$0.24
DISCOUNT AMOUNT	0	\$0.00
ADD	0	\$0.00
INVAILD PLU	0	\$0.00
INVAILD SALES	0	\$0.00
NO SALE OPEN	0	
OPERATION TIMES	1	

4-2

2.5.2 Clerk-reports

Select "2 clerk-reports" under reports management mode and press **CASH** key to print clerk-reports, refer to 4-3:

ZONERICH		
CLERK REPORT		

CASHTER:1		
NAME	COUNT	AMOUNT
DAILY SALES AMOUNT	1	\$3.00
PROFIT		\$0.00
CASH SALE	3	\$3.24
RETURN	0	\$0.00
NO SALE INCOME	0	\$0.00
NO SALE INCOME	0	\$0.24
VAT AMOUNT:		\$3.24
DISCOUNT AMOUNT	0	\$0.00
ADD	0	\$0.00
INVAILD PLU	0	\$0.00
INVAILD SALES	0	\$0.00
NO SALE OPEN	0	
OPERATION TIMES	1	

DATE:2009-04-28		TIME:16:46:15

4-3

2.5.3 Sale promoter report

Operation refers to 4-4, receipt as follows:

ZONERICH			
SALES PROMOTER REPORT			
NAME	CODE	QTY	AMOUNT
NORMAL SALES	0	2	\$5.00
DATE:2009-4-28		TIME:19:07:07	

4-4

2.5.4 Hourly reports

Operation refers to 4-5, receipt as follows:

ZONERICH CO			
TIME REPORT			
FROM	TO	COUNT	AMOUNT
00:00	00:59	7	\$7.00
0:00	08:59	7	\$7.00
DATE:2009-04-28		TIME:16:47:16	

4-5

2.5.5 Division-reports

Operation refers to 4-6, receipt as follows:

ZONERICH CO		
DIVISION REPORT		
NAME	QTY	AMOUNT
DIVISION01	4	\$4.00
DIVISION02	6	\$6.00
TOTAL	10	\$10.00
DATE:2009-4-28		TIME:19:25:08

4-6

2.5.6 Department-reports

DEP REPORT		
NAME	QTY	AMOUNT
DEPARTMENT 1	4	\$19.00
DEPARTMENT 1	4	\$19.00
TOTAL	8	\$38.00
DATE:2009-4-28		TIME:17:12:13

4-7

2.5.7 PLU-reports

Operation refers to 4-8, receipt as follows:

PLU SALES REPORT			
BARCODE	NAME	QTY	AMOUN
NO SALES DATA			
DATE:2009-04-28		TIME:20:32:48	
T			

4-8

2.5.8 Clear-out

It will clear all temporary reports: Daily-report (not HISTORY DAILY REPORT), Clerk-reports, Promoter-reports, Hourly reports, Division-reports, Department-reports and PLU-reports. But the HISTORY DAILY REPORT, MONTH REPRT, PERIOD REPORT and WASTE REPORT will not be cleared.

Note: Please be careful to do this operation as all temporary reports will be deleted.

2.6 Other report

Like the previous operation-reports:

- 1) History daily reports: Input data the printer will print out the history daily report
- 2) Monthly report: Input month the printer will print out the month report
- 3) Period report: Input start time and end time the printer will print out the period report
- 4) Electronic journal report Input start receipt No. and end receipt No. printer will print out this receipt report.
- 5) Attend table: Input start time and end time the printer will print out the attend report.
- 6) PLU stock report: Input Code No. printer will print out the PLU stock report.
- 7) Warning stock report: printer will print out the warning stock report.

2.7 System test

2.7.1 Net test

Manager login → System Test → net test, and then press **CASH** key:

- | | |
|---|---------------|
| 1 | NET TEST |
| 2 | KEYBOARD TEST |
| 3 | CASHBOX TEST |
| 4 | DISPLAY1 TEST |
| 5 | DISPLAY2 TEST |

Note: The machine issued a "tick, tick" sound, not on behalf of the machine network connectivity, and issued a "tick" the long song, represents the network connectivity.

2.7.2 Keyboard testing

Do as net test.

Note: random key on the keyboard test, the screen will display your current pressed key value, such as cash confirmation key will display the current "cash confirmation" before.

2.7.3 Cashbox test

Do as net test

Note: Click in the box system testing cash box will open.

2.7.4 Display 1 test

Do as net test.

Note: In the main display screen according to the test down, right, Christine, hi, hair, money, numbers, lowercase letters, uppercase letters in the order shown to the screen click on the test.

2.7.5 Display 2 test

Do as net test.

Note: Customer Display Test key after pressing the confirmation of cash, was to turn off display numbers from 0-9, a continuous display of the customer was tested twice.

2.7.6 Print test

Do as net test.

Note: A test button is pressed to confirm the cash, the printer will print out the paper.

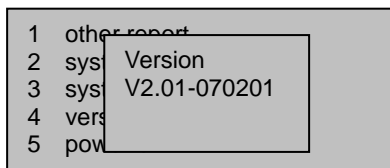
2.7.7 Clear back to factory

Do as net test.

Note: to restore to factory settings will be followed by clearing RAM, clear all setting parameters, clear history and then report back to the factory settings, you must be used with caution! !! After the automatic reboot the machine, represents the machine back to factory settings.

2.7.8 Version Information

Manager login → Version Information, and then press **CASH** key:



You can use the above method to see the machine you purchased the software version information, as shown in Figure 2-42 shows the current version number is: V2.01-070201.

Operation

3.1 Login interface

Operation system	
Clerk:	<input type="text"/>
Password:	<input type="password"/>
<input type="button" value="OK"/>	<input type="button" value="CANCEL"/>

Input clerk number and password in the blank, then:

Clerk 01 Tom 09 48 36

3.2 Selling

3.2.1 Goods to be sold

For example:

Clerk#		01
Item 1	PLU No: 9787560021898	\$ 21.90
	VAT rate: 4%	\$ 22.68
	Quantity	1

Step 01: Check-out the numbers on the operator display.

Clerk 01 Tom 09 48 36	
9787560021898	PLU number

Step 02: Select VAT IDX 2

```
Select VAT IDX
1: 17.0%      5: 12.5%
2: 4.0%       6: 16.0%
3: 8.0%
4: 12.0%
```

Step 03: Press the key **CASH** on the keyboard, then:

```
Clerk 01 Tom 09 48 36
Sale receipt VAT 4%
Dictionary          22.68
1x                 TOTAL: 22.68
```

Step 04: Entry the cash number from the customer, and then press the key **CASH** to print the receipt.

3.2.2 Use barcode scanner to sell goods

For example:

Clerk#		01
Item 1	PLU No: 9787560021898	\$ 21.90
	VAT rate: 4%	\$ 22.68
	Quantity	1

To connect bar code scanner with cash register.

- 1) Find the PS/2 interface at the rear of the ECR
- 2) Plug the PS/2 connector of barcode scanner into the PS/2 port of ECR.
- 3) Power on the barcode scanner and you can see red light when it is work.
- 4) Use the barcode scanner to scan the barcode on your goods, then you hear a short buzzer sounds when success.
- 5) You can find the code number in the selling interface.
- 6) You can find the PLU number (barcode) in the selling interface.

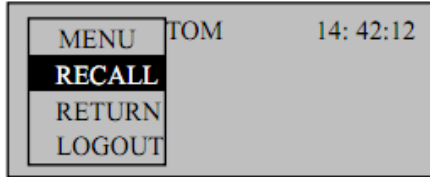
```
Clerk 01 Tom 09 48 36
9787560021898 — PLU number
```


3.3 Keyboard function instruction

1. **Menu** Key

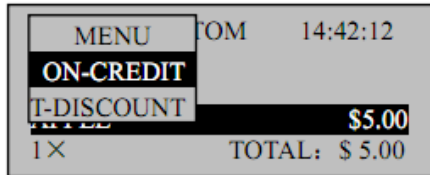
(1) At free time: RETURN LOGOUT

Press **Menu** key, then the display will become



(2) When selling goods

Press **Menu** key, then the display will become:



2. **SHIFT** key

Change the double functions. For example: **VOID/ ALL VOID** keys:

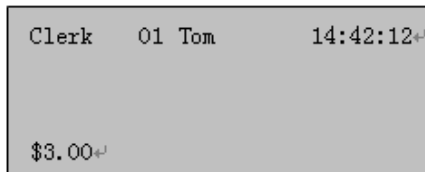
- (1) Press function only: single item is voided.
- (2) Press **SHIFT** + **VOID/ ALL VOID**: all items are voided.
- (3) Press **SHIFT** + **Menu**: Switching check/manager mode

3. **Price** key

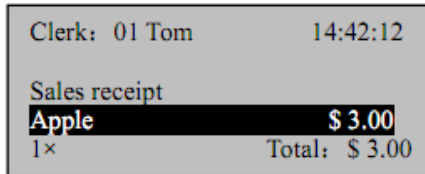
Real-time price change

Example: Change the price of apple from \$5.00 to \$3.00:

(1) Input "3.00" under selling goods interface.



(2) Input the code number and press code key.



4. **[*/TIME]** key

Use this key to see the time at present under selling interface.

5. **[CODE/PR.MO]** key

Use this key to input commodity number under selling interface, and sign in a sales promoter.

6. **[PLU]** key

Price look up, for single goods.

7. **[C]** key

Go back to the former operation.

8. **[FEED]** key

Feed in new printing paper

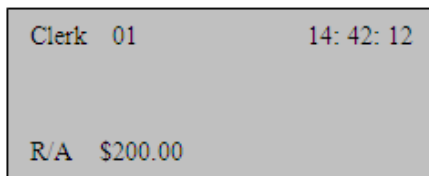
9. **[P/O R/A]** key

No sale income

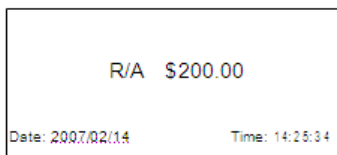
Example: \$200 no sale income.

(1) Input 200 under selling goods interface.

(2) Press P/O/ R/A key (the same as P/O)



Receipt sample:



No sale pay out

No sale open cash drawer

Press **[P/O R/A]** key under selling goods interface.

Receipt sample:



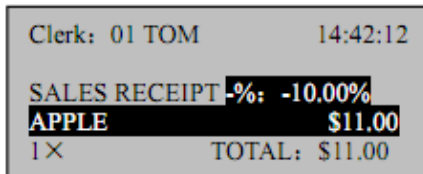
10. [%/-] key

To discount

If you want to discount 10% on the goods: "apple":

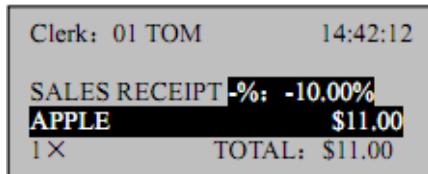
(1) 10% is presented.

Press [%/-] key, then:



(2) 10% is not existed

Input 10 on selling interface, and then press [%/-] key



11. [↓] and [↑] key

Chose the right function you want.

12. [1], [2 abc], [3 def], [4 ghi]..... [9 wxyz]

Use these keys to input numbers and letters, and input method.

13. [Division 1], [Division 2] [Division 10], Division keys

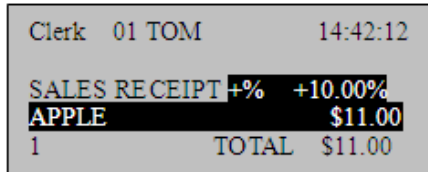
Use these keys to register items to divisions.

14. [%/+] key

Example: If you want to add in 10% to "apple":

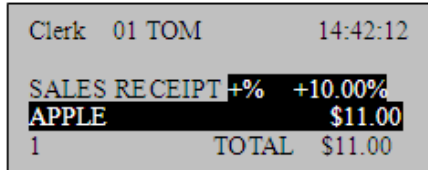
(1) 10% is presented

Press [%/+] keys, then:



(2) 10% is not existed

Input 10 on selling interface, then press **+%/+** key.



(3) Finished

15. **salesman** key

Use this key to input commodity number under selling interface, and sign in a sales promoter.

16. **VOID/ ALL VOID** key

(1) Press function only: single item is voided.

(2) Press **SHIFT** + **VOID/ ALL VOID**: all items are voided.

17. **Back space** key

Leftward cancel key.

18. **CASH** key

Cash price and get change money.

3.4 Subtotal discount

Press **Cash** key after input PLU. Input discount rate 10 under subtotal interface and press discount key. Then it shows the amount of money under discount. The print out will show the discount rate and discount amount.

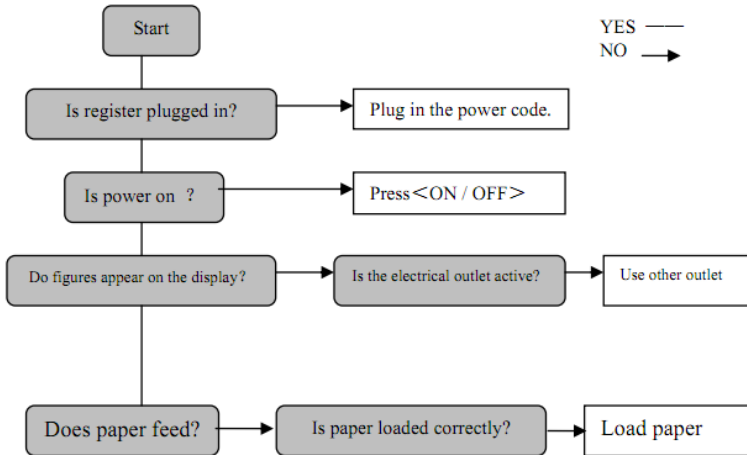
3.5 Operator Login out

Press **MENU** under operator interface.



When the cash register doesn't work normally

Perform the following check whenever the cash register enters an error condition as soon as you switch it on. The results of this check are required by service personnel.



In case of power failure

If the power supply to the cash register is cut by a power failure or any other reason, simply wait for power to be restored. The details of any on-going transaction as all sales data in memory are protected by the memory backup batteries.

- Power failure during a registration
The subtotal for items registered up to the power failure is retained in memory. You will be able to continue with the registration when power is restored.
- Power failure during printing a report
The data already printed before the power failure is retained in memory. You will be able to issue a report when power is restored.
- Other
The power failure symbol is printed and any item that was being printed when the power failure occurred is reprinted in full.
The memory protection battery is constantly charging and discharging as you switch the cash register on and off during normal operation. This causes the capacity of the battery to decrease after approximately five years of use.

Attachment A

Table management → service mode (the service mode can be reference for other operation mode)

Set by management as follow: Table management mode: service mode

Set the table content: choose table management under table management under manager login condition. Specific operation information sees 2.4.2 Cashier loading

2.1 Save table

Input PLU (operation in reference for sales), choose "save table" and press cash "OK key":

MENU	14: 42: 12
SAVE TABLE	
ADD TABLE	¥5.00

Popup menu:

INPUT TABLE NUMBER:
1

Input table No.1 and press "cash OK" key

Popup "TABLE MANAGEMENT" menu

TABLE MANAGEMENT
1. MODEX X
2. MODEX X

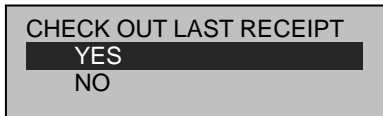
Note: the first X stands for mode. The second X stands for name. All kinds odes showed now were set by manger when he set the table content (see 2.4.2). The maximum mode number is 5. Now choose corresponding mode and press "cash OK key"

TABLE NUMBER: 1	
OK	CANCEL

Choose "ok" and "cash ok" key. Then the pending order for table No.1 was established.

2.2 Add table

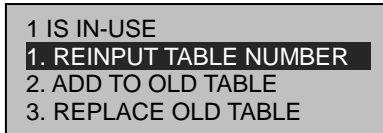
Method 1: input PLU, add orders as item 2.1 (please see the picture A-6 to add order). After input table No.1, it prompts "checkout last receipt" as follow. Therefore, you can choose accordingly.



Note: YES: Orders pend here and the service charge time comes to the end.

NO: add commodity to the previous order and the service charge go on.

Method 2: input PLU. Operation as 2.1 to choose save table and input table No.1, prompt:



Note: reenter table number: pend another table

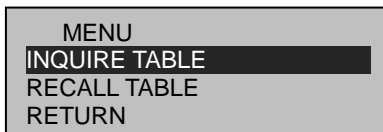
Add to old table: add an order, the operation is the same as add table

Replace old table: after choose it, it popup "table management" menu. And it popup "table number:1" after operate as requirement. The table number is established when press OK key.

Cancel: cancel pending order

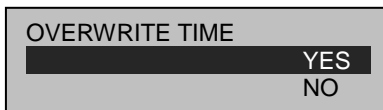
2.3 Inquire order

Press "menu" key under selling interface. Choose inquire table as follow:



Choose the table that you want to inquire and you can inquire its pending content. Change table :(change from table1 & mode 1 to table 3&2. The following operation refer to previous pictures)

Some customers want to change table after establish table. It should recall table before change table. Please choose "recall table" and input table number 1. then it popup the previous consumptive list. Please press menu key and choose "save table". Choose "NO" in checkout last receipt".



Note: "YES": the last time and service charge won't be calculated

"NO": not overwrite time. The time will calculate from the time when pending table1, but the service charge will be calculated from mode 2.

If you want the last service charge be calculate by mode 1, please balance first and then choose save table.