

# Cash Register

## **Instruction Manual**

 **Cash Register Manufacturing Expert**



✂ We compiled this manual carefully, although we couldn't guarantee the content on the manual is completely correct, as our products has been constantly being improved and updated. Some content is subject to change without any advance notice.✂

#### Modification Records:

Modification Version	Modification records	Modification date
V1.0	Suitable for V1.0 Version	8 <sup>th</sup> August,2011

Package List			
Model	Name	QTY	Unit
1	Cash register	1	unit
2	Instruction manual	1	piece
3	Software CD	1	piece
4	Serial interface cable	1	piece
5	Power cable	1	rope
6	Thermal printing paper	1	roll
7	Warranty card	1	piece
8	Qualified Certificate	1	piece
9	Keys	1	set

## ◀Safety Precaution▶

1. To use this product safely and correctly, please read this manual carefully and operate as instructed.
2. After reading this guide, keep it close at hand for easy reference. Please keep all information for future reference.
3. Keep the device dry and away from moisture.
4. Before setting and using, please place the device on a stable surface.
5. The gap on the device bottom is used for ventilation, and avoids interior overheating.
6. Before connecting this device with power, please confirm the power is: 100V — 240V~, 50Hz, 0.4A—0.2A.
7. The device should be properly connected with the land line.
8. Always observe the warnings and cautions indicated on this manual.
9. Do not inject any liquid from the mouth, or any damage caused and even electric shock.
10. The following situations, please look for technical services staff to handle:
  - Power cord or plug is damaged.
  - Device not working properly or the users can not follow this manual to guide its work.
  - Device drop or hit.
  - Device has breakage obviously.
11. Do not place or keep the device in temperatures above 60 °C (140 °F), otherwise will cause damage to device.
12. External disk, U disk inserted, please make eliminate the virus treatment, in order to avoid infection.

<u>Lcd logogram</u>	<u>Description</u>
<b>A</b>	
<b>AddP</b>	<b>Surcharge</b>
<b>All.Rpt</b>	<b>Reports Summary</b>
<b>B</b>	
<b>BALN</b>	<b>Settlement</b>
<b>C</b>	
<b>Common</b>	<b>Commodity</b>
<b>Chag</b>	<b>Charge</b>
<b>Cook</b>	<b>Kitchen Printing</b>
<b>Cntrst</b>	<b>Contrast Rate</b>
<b>Cmsn</b>	<b>Commission Control</b>
<b>Cpy</b>	<b>Data Copy</b>
<b>Czr</b>	<b>Rounding</b>
<b>Clr</b>	<b>Clear</b>
<b>Cntl</b>	<b>Control Rage</b>
<b>ClrSerial.No</b>	<b>Clear Serial Number</b>
<b>Cur</b>	<b>Current Month List</b>
<b>D</b>	
<b>D.Chag</b>	<b>Distotal</b>
<b>Dept.Rpt</b>	<b>Department Reports</b>
<b>Dis</b>	<b>Distotal Rate</b>
<b>Day.Rpt</b>	<b>Daily Detail Reports</b>
<b>Disc</b>	<b>Distotal</b>
<b>Def</b>	<b>Default</b>
<b>DPlu.Rpt</b>	<b>DPLU reports</b>
<b>E</b>	
<b>En</b>	<b>Permit to print</b>
<b>EAdd</b>	<b>Service Charge Rate</b>
<b>F</b>	

<b>Func</b>	<b>Function</b>
<b>Fini</b>	<b>Finance</b>
<b>Finance.Rpt</b>	<b>Financial Reports</b>
<b>FNSH</b>	<b>Finish</b>
<b>H</b>	
<b>Hour.Rpt</b>	<b>Hour Reports</b>
<b>I</b>	
<b>IPric</b>	<b>Purchase Price</b>
<b>In.M</b>	<b>Income</b>
<b>L</b>	
<b>LargeH</b>	<b>Large High</b>
<b>LargeW</b>	<b>Large Wide</b>
<b>M</b>	
<b>Mnts</b>	<b>Mantissa</b>
<b>Month.Rpt</b>	<b>Monthly Detail Reports</b>
<b>Mealset.Rpt</b>	<b>set meal package Reports</b>
<b>N</b>	
<b>Non</b>	<b>No Password</b>
<b>P</b>	
<b>Pric</b>	<b>Price</b>
<b>Pay</b>	<b>Payee/Sales</b>
<b>Payee</b>	<b>Collection Rate</b>
<b>Prog</b>	<b>Program</b>
<b>Pos58</b>	<b>58mm Thermal Printer</b>
<b>Pwd</b>	<b>Password</b>
<b>Prt</b>	<b>Print</b>
<b>Plu.D.Rpt</b>	<b>Daily Detail Reports</b>
<b>Payee.Rpt</b>	<b>Collection Reports</b>
<b>Plu.Rpt</b>	<b>Plu Reports</b>
<b>Q</b>	
<b>Qty</b>	<b>Quantity</b>

**R**

<b>RPay</b>	<b>Balance</b>
<b>Rcpt</b>	<b>Receipt Copy</b>
<b>Rtun</b>	<b>Return Control</b>
<b>Rang</b>	<b>Range</b>
<b>Return.Rpt</b>	<b>Returned Purchase Reports</b>

**S**

<b>SumP</b>	<b>Total Amount/Subtotal</b>
<b>Sign</b>	<b>Sign Bill Customers</b>
<b>Sys</b>	<b>System Information</b>
<b>Stk</b>	<b>Stock</b>
<b>Spac</b>	<b>Line Space of Receipt</b>
<b>Stock.Rpt</b>	<b>Stock Reports</b>
<b>Sign.Rpt</b>	<b>Signature Reports</b>
<b>Sale.Rpt</b>	<b>Operation Reports</b>
<b>S.Chag</b>	<b>Tips/Service Charge</b>

**T**

<b>TQty</b>	<b>Total Quantity</b>
<b>Trnov</b>	<b>Turnover</b>
<b>Table.Bill</b>	<b>Open Table List</b>
<b>Table.Rpt</b>	<b>Open Table Reports</b>
<b>Turnov</b>	<b>Turnover</b>

**V**

<b>VIPP</b>	<b>VIP Price</b>
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# Introduction

This POS cash register is combined with English display, English printing, Chinese & English keyboard, also has more functions and easy for operations.

The contents of this chapter:

- About this manual
- Specifications
- Main Features
- Keyboard distribution
- Display definition
- Functions setting key

## 1.About this manual

This manual introduce about our electronic cash register in more details. Before using this manual, please note the following point:

The "Warming" in this manual is remain of users to pay more attentions on the operations.

## 2.Specifications

1. Collector screen use LCM 128\*64 dot matrix, words show 16\*16 dot matrix.
2. Customer screen use 8 lines LED digital tube.
3. Use 58mm thermal line dot printer movement—FTP-628MCL, each line can print 32 characters or 16 words.
4. Can choose 58mm printer paper, when use it, the cash register can print 34\*34 lattice.

5. 48 keys,Chinese&English keyboard,easy for uses to operate.
6. Two serial interface connections,can connect PC and laser scanner and thermal printer.
7. The total input actotal and total amount less than one million.

### **3.Main feature:**

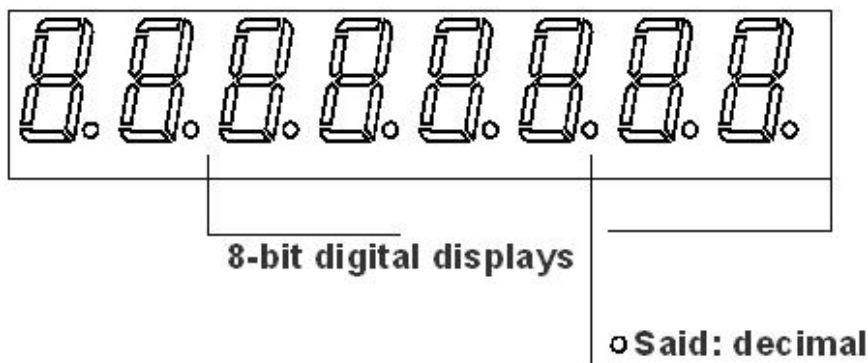
1. 10000 PLUs , 250 tables can opened,forbid expansion of system memory.
2. 36 departments
3. Can delimit 20 sets of set meal/package sales.
4. Can print 17 kinds of reports basic on the different permissions,also the users can set some of them to print out together.
5. Can calculate out the profit of sale goods,than print out the profit reports.
6. Program setting can clear totally and clear parts(Reset factory defaults).
7. Thermal printer support 2POS58, copy/ kitchen printing/sub-windows printing/sub-bill printing.
8. Printing of sales support abbreviation words, open table/set meal package/serial number/commodity name.
9. Commodity stock alarm control(XZ reports).
10. Support balance code function.
11. Support printing of error correction and in-out bills.
12. Support function of code character filtered.
13. Support functions of commission basic on the sales amount both collectors and clerks.
14. Support 31 days records of daily reports, three months records of monthly reports.
15. Support U-disk up-down load reports or programming data.

#### 4.Display Definition

Collectors screen as below:

Common Sale	P
Date:	2010/08/08
Time:	08:30:56

Customer screen as below:



#### 5.(Keypad) keyboard distribution:

Feed	a DEPT 18/36	f DEPT 13/31	k DEPT 8/26	p DEPT 4/22	↑ Mul- tiple	↓ Price input	PLU InWay	u Modify Round	x Cancel Back
Shift	b DEPT 17/35	g DEPT 12/30	i E DEPT 7/25	q F DEPT 3/21	7	8	9	v DISC Coupon	y Serve Charge
Print	c DEPT 16/34	h DEPT 11/29	m C DEPT 6/24	r D DEPT 2/20	4	5	6	w Sign- Bill	z Exch- ange
Back- space	d DEPT 15/33	i DEPT 10/28	n A DEPT 5/23	s B DEPT 1/19	1	2	3	Total	
Clear	e DEPT 14/32	j DEPT 9/27	o Clerk0 Clerk1	t Table	0	00	.	Cash	

## 6. Functions setting keys

Name of key	Sales file	X/Z reports file	Program file
Number key	Input data	Input data	Input data
In(paper)	feed one empty line	feed one empty line	feed one empty line
print	Repeat print receipt; Set mode of printing;	None	Print program data
backspace	Cancel to input number	Cancel to input number	Cancel to input number
up	Input quantity of sales	up	up
down	Input unit price of sales	down	down
distotal	Distotal-sale	none	none
Sign bill	Sign bill settlement	none	none
Shift	Choose second function key	none	none
cancel	Operate cancel	none	cancel
correct	Operate cancel	none	correct
coupon	Operate coupon	none	none
Service charge	Service sub-charge	none	none
exchange	Operate exchange settlement	none	none
clear	Cancel input	Cancel input	Cancel input
Collector clerk	Set collectors; Set clerks;	none	none
open table; Table-pause	Operate open table; Operate table-pause;	none	none
total	Total amount	none	enter
cash	Operate cash settlement	Back to X reports; Initial state/none;	Back to programming state
PLU	Operate PLU sale	Input method	Input method
Department1/19~18/36	Operate department sale	none	Input a~z

# Initial Installation

We suggest all the buyers to reset factory defaults after buying our machine. After do this step, the buyers can control other operations of this machine.

Steps of initial as below:

The contents of this chapter:

- Connect power correctly
- Reset factory defaults
- Correct system clock
- Setting basic specification
- Restart



### **1.Connect power correctly**

- 1) Be sure the power:100V—240V~, 50Hz.
- 2) The device should be properly connected with the land line.
- 3) Users should use cash registers dedicated power line, and the power cord connected to a separate power outlet .
- 4) Plug in the switch and open the cash register,put the control lock to the position on"sales",than the machine will display the time.

### **2.Reset factory defaults**

- 1) Put the control lock to the position of "program".
- 2) Press "up" or "down",than move the cursor to "P14"+"total",entering the manager management reset factory defaults(reset factory defaults for your reference.)
- 3) Press "cash",turn back to the initial program state.

### **3.Correct system clock**

- 1) Put the control lock to the position on"program".
- 2) Press "up" or "down",than move the cursor to "P14"+"total",entering the day/time.
- 3) Programming operation(date programming fro your reference).
- 4) Input"year/month/day",press "total" than confirm.
- 5) Input"hour/minute/second", press"total" than confirm.
- 6) .Input"cash", return back to the initial program state.

### **4.Restart the cash register**

- 1) Put the control lock to the position on"lock machine".
- 2) Turn off the power.
- 3) Restart to open the power.
- 4) Put the control lock to the position on"sales"
- 5) The screen will display the current time.
- 6) Finish this operation(reset factory defaults).

# System Programming Instructions

After reset factory defaults,the cash register can work normally.But all the inner information are the system defaults,they may not satisfied with the users as they want to control more easier.Please read as following steps to teach you how to operate well.

Note: 1.when doing this operation,the control lock must be the position on"programming"

2.when doing this operation, can press "**total**" to confirm,and can press "**cash**" to release programming.

The contents of this chapter:

- Basic program operating. .... P00
- Date/time programming. .... P00
- Functions programming. .... P01
- Receipts programming. .... P02
- Collection programming. .... P03
- Business programming. .... P04
- Exchange programming. .... P05
- Name of opened-table. .... P06
- Sign bill programming. .... P07
- set meal/package programming. .... P08
- Department (DEPT) programming. .... P09
- Direct commodity(DPLU) programming .... P10
- commodity (PLU) programming. .... P11
- Keyboard setting programming. .... P12
- USB programming. .... P13
- Manager management programming. .... P14
- System information programming. .... P15

Note:(use"**up**" "**down**" to move the cursor,press"**total**" to enter all kinds of program setting.

## ➤1. P00: Basic program operating

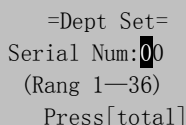
Three kinds of basic program operating:

- ☆ Input gradation operating
- ☆ Input name operating
- ☆ Input number operating

### 1) Input gradation operating

Input gradation is use for confirm the gradation of current objects.For example:on the initial programming state,press "up" or "down" to move the cursor to "P09",than press "total" to confirm,into department gradation-input state.

The screen display shows as:



```
=Dept Set=  
Serial Num:00  
(Rang 1—36)  
Press[total]
```

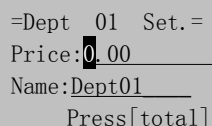
Note:(1-36) means the maximum range of input. Input "15" means enter the fifth department programming.

### 2) Input name operating

Input name operating is use for inputting the name & data.such as: collector name, department name,clerk name and so on. When doing this operation,"down" means " input PLU","input switch" means"PLU".

### 3) Input number operating

When input the numbers have to use the keyboard(0~9).



```
=Dept 01 Set.=  
Price:0.00  
Name:Dept01  
Press[total]
```

Input number operating is use for operating the number data-input, such as unit price, stock number and so on.

Note:1) not input ". ",the data will default as an integer.

2) in addition to foreign exchange rate input for four decimal points besides, other number input operations by default for two decimal points.

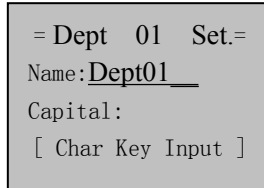
3) data- input or before the data-input , press the "Shift" can be the current input into negative, such as when input stock negative number was equivalent to reduce stock input .

4) when input data, press "backspace" was equivalent to cancel the last digit input.

Such as: input -120.55, that is press "Shift"+"1"+"2"+"0"+".". "+"5"+"5", total seven times on pressing the keys.

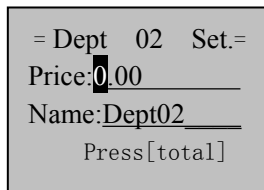
Input 100.00, that is press "1"+"00", total twice on pressing the keys. Or another way like: "1"+"0"+"0", total three times on pressing the keys.

- Capital input: when capital input, must use the keyboard English letters(a~z)  
as the right picture shows:



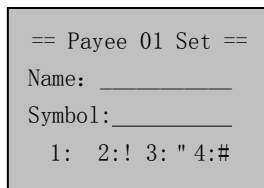
```
= Dept 01 Set.=
Name: Dept01
Capital:
[ Char Key Input ]
```

- Lowercase input: when lowercase input, must use the keyboard English letters(a~z).  
as the right picture shows:



```
= Dept 02 Set.=
Price: 0.00
Name: Dept02
Press[total]
```

- Symbol input: can use "up" or "down" to check the correct symbols, can select 1~4.  
as the right picture shows:



```
== Payee 01 Set ==
Name:
Symbol:
1: 2:! 3: " 4: #
```

## ➤2. P00:Date/time program operating

Date/time programming is setting the inside system clock of the machine, registering for sales and reports of statistics and print.

Date/time have 2 kinds of attributes:

Date (year/month/day) : 8 digits, using digital input operator to input.

The time (hour/minute/second) : 6 digits, using digital input operator to input.

Programming steps as below:

- 1) press "up" or "down", than move the cursor to the position on "P00".

Such like the right picture:

```
P00:Time Setting
P01:Func Setting
P02: Receiver Set
P03: Payee Set..
```

2) move the cursor to the position on"P00"+"total",  
can enter into the date/time programming.

Such like the right picture:

```
=Time Set=
Date:2011/08/25
Time:08/08/08
Press [total]
```

3) input"year/month/day",press "total" to confirm, into the time programming.such as: input 2010/08/07, this is press "1" + "0" + "0" + "8" + "0" + "7" + "total"

4) input "hour/minute/second", press" total" to confirm,can enter into the initial programming state.such as: input 08: 08: 08, that is press "0" + "8" + "0" + "8" + "0" + "8" + "total" ,than the display will show the current time.

Such like the right picture:

```
=Time Set=
Date:2011/08/25
Time:08/08/08
Press [total]
```

Note: input "year/month/day, hour/minute/second",must meet the following conditions:

- 1) Date must be more than:2000/01/01 00/00/00.
- 2) Date must be less than:2099/12/31 23:59:59.

### ➤3. P01:Functions programming

Functions programming is to setting the internal parameters of the machine,such as communication modes,printing ways.etc.

This kind of cash register can program more than 12 functions,each function has one attribute.

Function parameters value: 4 digits,using number input operator to input. Steps as below:

- 1) Press "up" or "down", move the cursor to the position on "P01". Such as:

```
P00:Time Setting
P01:Func Setting
P02: Receiver Set
P03: Payee Set..
```

- 2) move the cursor to the position on "P01"+"total", into the state of functions parameters setting, such as:

```
PF01: Rtun Cntl
PF02:Baud Rate
PF03: Clr Serial
PF04: Prt Cntl
```

- 3) press "up" or "down", move the cursor to the position on functions programming of number runner "PF01" and press "total", into the "return control". (note: the maximum quantity of bills is 50 after reset factory defaults, if need to continue to return then have to enter Z reports and clear the return reports.

- 4) display will show out the functions parameters as the right picture:

```
=Rtun Cntl=
XY:00-Non 55-Pwd
ZH: Machine Addr
(XYZH): 0001
```

- 5) input the parameter, press "total" to confirm, into next setting.
- 6) Repeat the 2), 3), the steps of operation have to go ahead of the 20<sup>th</sup> page, then means finish setting.
- 7) Press "cash" out of setting; or press "print" to print the data.

Note: detail functions parameters please check the Appendix A for your reference.

## ➤4 . P02:Receipt programming

The receipt programming is to program the head or bottom receipt of the inner printer, in order to satisfied with the users' requests, and meet the receipt to be personal.

This kind of cash register have seven lines of head receipt(five line head receipt.two lines bottom receipt). Every line has two modes:

- Print mode:two numbers,using digital input operator to input.

High Numbers = 0, allow the current receipt line printing and printing center.

= 8, banned the current line print (namely receipt empty lines).

Low Numbers: = 0, the current line normal print.

= 1, the current line times as wide as print.

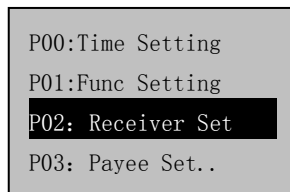
= 2, the current line times as high print.

= 3, the current line the amplification print.

- Name programming: 32 characters,using the name input operator to input. Programming procedures as follows:

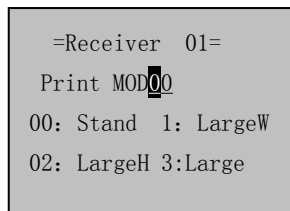
- 1) Press"up" or "down",move the cursor to the position on "P02".

Such like the right picture:



```
P00:Time Setting
P01:Func Setting
P02: Receiver Set
P03: Payee Set..
```

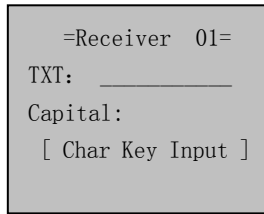
- 2) move the cursor to the position on"P02"+"total",  
into receipt item 01 print mode.as the right picture:



```
=Receiver 01=
Print MOD00
00: Stand 1: LargeW
02: LargeH 3:Large
```

- 2) Input the print mode, press the "total" to confirm, into the "first line" name programming.
- 3) Screen shows the first line named of "receipt of 01".

such like the right picture:



=Receiver 01=  
TXT: \_\_\_\_\_  
Capital:  
[ Char Key Input ]

- 4) input name,press" total" to confirm,into "second line print mode".
- 5) Repeat 2),3),4), the steps of operation have to go ahead of the 7<sup>th</sup> page,then means finish programming.
- 6) Press"cash" out of the state of receipt programming or press"print"to print out the receipt reports.

## ➤5.P03:Collection programming

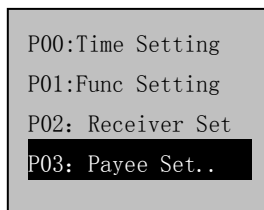
The collector programming is setting the names and passwords of all the collectors. Each collector just have one password. The cash register can distinguish the different collector according to the password. When open the machine,must to enter the serial number and password,then press"collector",into sale.

This cash register most programmable 10 collectors, each collector has three items attributes:

- Serial number input: 2 numbers, can use digital input operator to input.
- Collector password: 4 numbers, can use digital input operator to input, also can use a barcode reader to read; This property is the difference between the only one symbol, at the state of sales to choose the collectors' keys.
- Collector name: 10 character / 5 Chinese characters, using the name input operator to input.

Steps as below:

- 1) Press"up" or "down",move the cursor to the position on the"P03"+"total", into collection programming.such like the right picture:



P00:Time Setting  
P01:Func Setting  
P02: Receiver Set  
P03: Payee Set..



- 2) Screen display shows setting "input serial numbers":

```
=Payee Set=  
Serial Num:00  
(rang 1—10)  
Press[total]
```

- 3) Input serial numbers,press "total" to confirm,into "collector password" setting.  
4) Screen display shows "collector password" setting,as picture:

```
= Payee 01 Set =  
PWD: 1111  
Name: AAAA  
Press[total]
```

- 5) Input password,press "total" to confirm,into "collector 01 name" setting

```
= Payee 01 Set =  
Name: _____  
Capital:  
[Char Key Input]
```

- 6) Input collector name,press "total",into next setting.  
7) Repeat 1),2),3), until number ten collectors,means finish this setting.  
8) Press "cash" out of collector setting,or press "print" to print out the collectors programming reports

## ➤6.P04:Clerk programming

Clerk programming is setting the name of the clerks according to the register, to distinguish different clerks;

This register most programmable 50 clerks, each clerk has two attributes:

Serial number input: two Numbers, can use digital input operator input.

- Clerk name: 10 character / 5 Chinese characters, using the name input operator to input.

Programming procedure is as follows:

1) Press "up" or "down", move the cursor to the position on "P04".

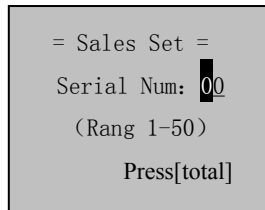
as the right picture shows:



```
P04: Sales Set..  
P05: Foreign Set..  
P06: Table Set..  
P07: Sign In Set.
```

2) Move the cursor to the position on "P04"+"total", into clerk serial number-input.

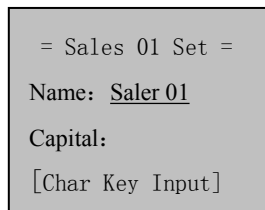
as the right picture shows:



```
= Sales Set =  
Serial Num: 00  
(Rang 1-50)  
Press[total]
```

3) Input serial number, press "total" to confirm, into the setting of name of clerks. (such as: input "01"+"total", into setting of "01" clerk.

4) Screen display shows the name of "clerk 01"



```
= Sales 01 Set =  
Name: Saler 01  
Capital:  
[Char Key Input]
```

5) Input name, press "total" to confirm, into "clerks 02" setting.

6) Repeat 4), until the 50<sup>th</sup> clerks that means finish the programming.

7) Press "cash" out of setting clerks programming; or press "print" to print out the clerks programming reports.

## ➤ 7.P05: Exchange programming

Foreign exchange programming refers to set the name of exchange and exchange rate for sales and foreign exchange settlement.

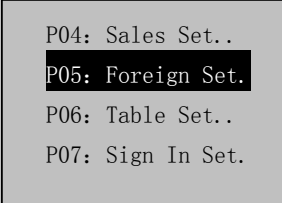
This register most programmable eight kinds of foreign exchange, each with two attributes:

- exchange rate: 8 digits (including four decimal), using digital input operator to input.
- exchange name: 10 character / 5 Chinese characters, using the name input operator to input.

Steps as below:

- 1) Press "up" or "down", move the cursor to the position on "P05"+"total", into the state of exchange programming.

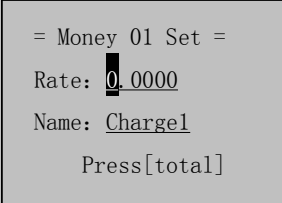
as the right picture shows:



```

P04: Sales Set..
P05: Foreign Set.
P06: Table Set..
P07: Sign In Set.
  
```

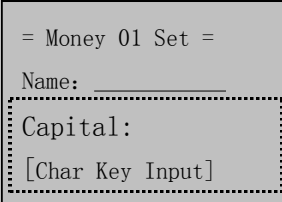
- 2) Screen display shows "exchange 01".



```

= Money 01 Set =
Rate: 0.0000
Name: Charge1
Press[total]
  
```

- 3) Input exchange, press "total" to inform, into 1# to the state of exchange name programming.
- 4) Screen display shows "exchange 01".



```

= Money 01 Set =
Name: _____
Capital: _____
[Char Key Input]
  
```

- 5) Input name, press "total" to confirm, into "exchange 02"
- 6) Repeat 2), 3), 4), 5), until the 8<sup>th</sup> then means finish the programming.
- 7) Press "cash" out of setting program; or press "print" to print out the exchange programming reports.

## ➤8.P06:Founding name

Founding name programming is a platform to register number name for founding programming, to used for sales printing.Founding name is range from 1-250(1-250).

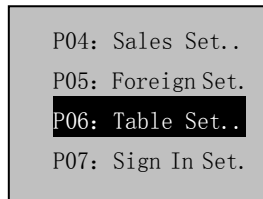
This cash register can have 250 tables for opening,each one have two attributes:

- Serial number input: 3 digital,using the number input operator to input.
- Founding name:12 character / 6 Chinese characters, using the number input operator to input.

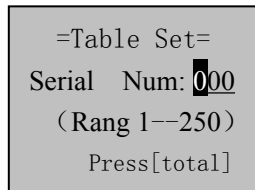
Steps as below:

- 1) Press"up" or "down",move the cursor to the position on"P06".

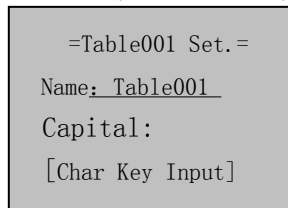
as the right picture shows:



- 2) Move the cursor to the position on"P06"+"total",into founding programming,input the serial numbers.(note:the range of serial numbers:1-250).



- 3) input serial number,press"total",into the setting of this serial number name.(such as: input 001+"total",into the setting name of 001,the name you can write as you like.)



- 4) Input name,press"total" to confirm,into"table 002"name programming.
- 5) Repeat 2),3),4),until the 250<sup>th</sup> than means finish this programming.

- 6) Press "cash" out of founding programming; or press "print" to print out the founding name reports.

## ➤9.P07:Sign bill customers programming

Sign bill customers programming is register customer (i.e. charge to the code and name) for programming for sales to sign the bill when settle actotals.

This register most programmable 50 sign the bill customers, every customer has three items attributes:

- Serial number input: two numbers, using digital input operator to input.
- Sign bill customer ID: six numbers, using digital input operator to input the attribute is the difference between sign symbol of customers.
- Sign the client's name: 16 characters / 8 Chinese characters, using the name input operator to input.

Steps as below:

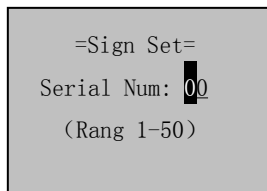
- 1) Press "up" or "down", move the cursor to the position on "P07".

as the right picture shows:



- 2) Move the cursor to the position on "P07", press "total", into input sign bill programming.

as the right picture shows:

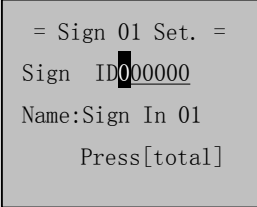


- 3) Input serial numbers, press "total", into the corresponding sign customer ID Settings. (for example, serial number input 01 + "total", into the ID number of the serial number 01 customer setting, ID

input range for six, not more than six,also can not less than six)

- 4) Input the customer ID number+"total",into the setting of sign bill customers.

as the right picture shows:



The screenshot shows a menu for setting sign bill customers. The text on the screen is as follows:

```
= Sign 01 Set. =  
Sign ID000000  
Name:Sign In 01  
Press[total]
```

- 5) input name,press"total" to confirm,into "sign bill customer 02" coding programming.
- 6) Repeat 2),3),4),5), until the 50<sup>th</sup> than means finish the sign bill customer programming.(note: how many customers need to be set is depends on your request. The range is 1-50.)
- 7) press"cash" out of the state of programming; or press "print" to print out the sign bill reports.

## ➤10.P08:set meal package(package) programming

set meal/package programming is refers to set a package number and packages goods PLU, used to make sure this package is belongs to and a package containing how many commodity PLU.

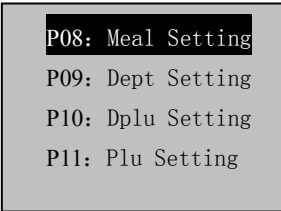
This register most can write 20 package, a package of every has six attributes:

- Serial number input: two numbers, using digital input operator to input.
- Package name: 12 characters/six Chinese characters, using the name input operator to input.
- Commodity type number: two numbers, using digital input operator to input.
- Package price: seven digital (including 2 decimal), using digital input operator to input.
- Packages contained within the goods code: 13 digits, using digital input operator to input.
- Packages contained within the quantity of a commodity programming: two numbers, using digital input operator to input: said the package will include how many commodities PLU.  
(note: the biggest quantity of a commodity is 99)

Steps as below:

- 1) Press "up" or "down",move the cursor to the position on "P08"..

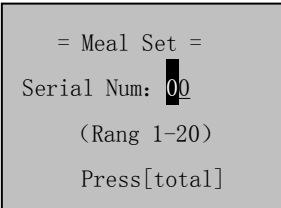
as the right picture shows:



P08: Meal Setting  
P09: Dept Setting  
P10: Dplu Setting  
P11: Plu Setting

- 2) Move the cursor to the position on "P08"+"total", into the state of package programming number setting.

as the right picture shows:



= Meal Set =  
Serial Num: 00  
(Rang 1-20)  
Press[total]

- 3) Input serial number press "total", into "name of package" setting.

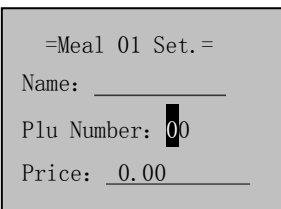
as the right picture shows:



=Meal 01 Set.=  
Name: \_\_\_\_\_  
Capital:  
[Char Key Input]

- 4) Input name, press "total", into the setting of Commodity type number. (note: commodity type number refers to the setting of package containing the quantity of the commodity.)

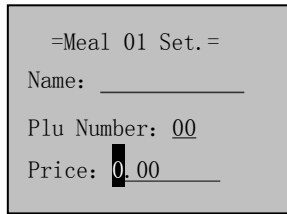
as the right picture shows:



=Meal 01 Set.=  
Name: \_\_\_\_\_  
Plu Number: 00  
Price: 0.00

- 5) Input commodity type number, press "total", into the setting of the unit price of the package.

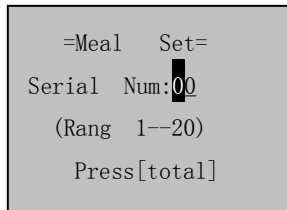
as the right picture shows:



=Meal 01 Set.=  
Name: \_\_\_\_\_  
Plu Number: 00  
Price: 0.00

Input the package price,press"total",into the setting of this package contained the codes of commodity. (note: packages contained commodity code is to set in the codes of commodity package. the number of meals commodity code is decided by the commodity species number. (for example: commodity type numbers are two, so be about to enter 2 commodity code)

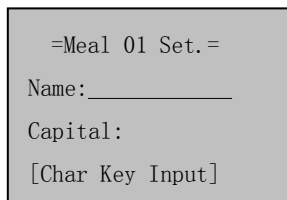
as the right picture shows:



=Meal Set=  
Serial Num:00  
(Rang 1--20)  
Press[total]

6) Input the commodity code,press"total",into the setting of quantity of this commodity. (note: quantity setting refers to set the quantity of this package contained,and can total out the stock's quantity of this commodity.)

as the right picture shows:



=Meal 01 Set.=  
Name: \_\_\_\_\_  
Capital:  
[Char Key Input]

- 7) Repeat 2), 3), 4), 5), 6), 7) steps, until the 20<sup>th</sup> that means the package programming finished.
- 8) Press"cash" out of setting;or press"print" to print out all the packages programming reports.

## ➤11.P09:Department(DEPT)programming



Department refers to the commodity belongs to which catalogue , such as food, daily necessities; department programming is refers to register department attribute, the default unit price and the name for programming;

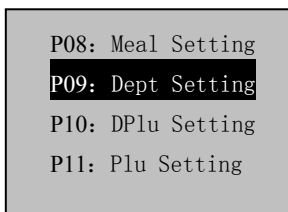
This register to be written up to 36 DEPT, each DEPT has three items settings:

- Serial number input: two Numbers, using digital input operator to input.
- DEPT unit price: said the sale price of DEPT, 7 digits (including 2 decimal), using digital input operator to input.
- DEPT name: the sales DEPT said name of the commodity, 10 character / 5 Chinese characters, using the name input operator to input.

Steps as below:

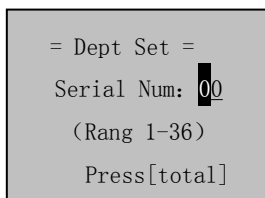
- 1) Press "up" or "down",move the cursor to the position on"P09".

as the right picture shows:



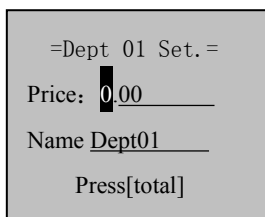
- 2) Direct to press"total",into "department serial number input" setting.

as the right picture shows:



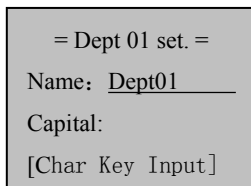
- 3) Input serial number,press"total",into department setting.(such as: input 01+"total",into 01 department unit price setting.)

as the right picture shows:



4) Input "sales price" +"total", into department name setting.

as the right picture shows:



A screenshot of a department programming screen. It displays the text "= Dept 01 set. =" at the top. Below this, there is a label "Name:" followed by a text input field containing "Dept01". Underneath the name field is the label "Capital:" followed by another text input field. At the bottom of the screen, there is a label "[Char Key Input]" indicating the input method.

5) Input name,press"total" to confirm,into"department 02" unit price programming.

6) Repeat 3),4),5), until the 36<sup>th</sup>, that means finish the department programming.

7) Press"cash" out of programming;or press"print" to print out the department programming reports.

## ➤12.P10:Direct commodity (DPLU)

Direct commodity (DPLU) is directly to press the direct key when sale goods, no need to input the commodity code and the sales DPLU.

Direct goods refers to the programming register the property of commodity, unit price, name, purchase price and inventory for programming.

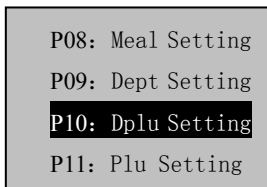
This register to be written up six directly( DPLU), each commodity goods with five attributes:

- DPLU attributes: direct commodity (DPLU) said the department value belongs, two numbers, use digital input operator to input.
- DPLU unit price: direct commodity (DPLU) said the sale price, seven digital (including 2 decimal numbers), using digital input operator to input.
- DPLU name: direct commodity (DPLU) said the name of the commodity, 20 characters / 10 Chinese characters, using the name input operator to input.
- DPLU purchase price: direct commodity (DPLU) said the purchase price (for profit calculation), seven digital (including 2 decimal numbers), using digital input operator to input.
- DPLU inventory: direct commodity (DPLU) said the sales inventory, seven digital (including the decimal numbers,the top bits for the sign bit), using digital input operator to input.

Steps as below:

1) Press "up" or "down",move the cursor to the position on"P10".

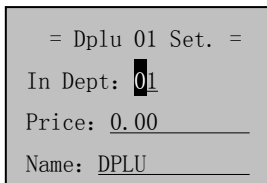
as the right picture shows:



```
P08: Meal Setting
P09: Dept Setting
P10: Dplu Setting
P11: Plu Setting
```

2) Move the cursor to the position on "P10" + "total",into direct commodity programming. Direct to input"DPLU" department type setting.

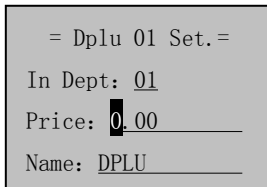
as the right picture shows:



```
= Dplu 01 Set. =
In Dept: 01
Price: 0.00
Name: DPLU
```

3) Input ""department type" + "total", into "sales price" setting.

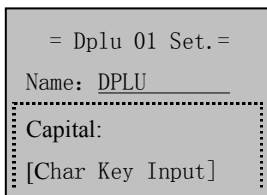
as the right picture shows:



```
= Dplu 01 Set. =
In Dept: 01
Price: 0.00
Name: DPLU
```

4) input "price" +"total", into direct commodity DPLU01 name setting.

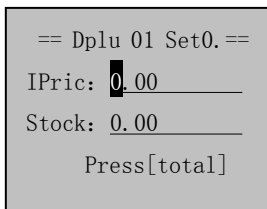
as the right picture shows:



```
= Dplu 01 Set. =
Name: DPLU
Capital:
[Char Key Input]
```

5) input "name" + "total",into direct commodity DPLU01 purchasing price setting.

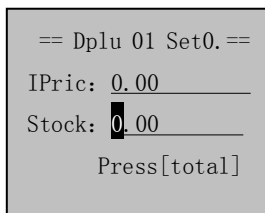
as the right picture shows:



```
== Dplu 01 Set0. ==
IPric: 0.00
Stock: 0.00
Press[total]
```

6) input purchasing price+"total" to confirm,into "direct commodity DPLU01" stock setting.

as the right picture shows:



== Dplu 01 Set0. ==  
IPric: 0.00  
Stock: 0.00  
Press[total]

7) input stock quantity+ "total" to confirm,into "direct commodity DPLU02"setting.

8) Repeat 2),3),4),5),6), until the 6<sup>th</sup> direct commodity DPLU setting finished.

9) Press"cash" out of setting; or press"print" to print out the direct commodity DPLU programming reports.

## ➤13.P11:Commodity(PLU)

Commodity programming is refers to register the coding, properties, commodity price, name, purchase price and inventory for programming;

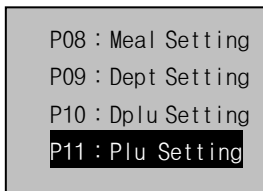
This register PLU maximum number is 10000 , each with six attributes:

- PLU codes: this coding is the only sign PLU distinguish cash registers, different PLU have different codes (or commodity bar code), 13 digits, using digital input operator to input.
- PLU attributes: said the PLU department value belongs, two numbers, using digital input operator to input.
- PLU unit price: said the sale price of PLU, 7 digits (including 2 decimal numbers), using digital input operator to input.
- PLU name: said the name of the commodity, sales PLU 20 characters / 10 Chinese characters, using the name input operator input.
- PLU purchasing price: the PLU purchasing price said (used for profit calculation), seven digital (including 2 decimal numbers), using digital input operator to input.
- PLU inventory: said the PLU sales, inventory, 7 digits (including 2 decimal numbers, the top bits for the sign bit), using digital input operator to input.

Steps as below:

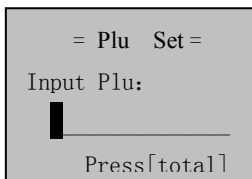
- 1) Press "up" or "down",move the cursor to the position on"P11".

as the right picture shows:



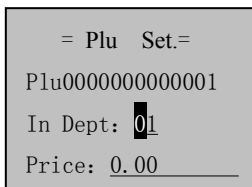
- 2) Move the cursor to the position on"P11"+"total",into commodity(PLU) code input state.(note: input commodity code can use laser scanner to input.)

as the right picture shows:



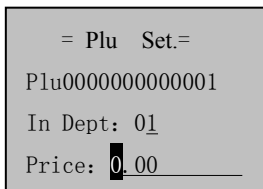
- 3) Input PLU code like "1"+"total" to confirm,into commodity department type setting.screen display shows "commodity PLU" department belongs.(note:commodity PLU code cannot more than 13 digital.)

as the right picture shows:



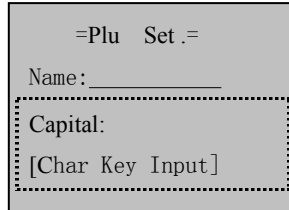
- 4) Input commodity department type,press"total" to confirm,into "commodity PLU" unit price,screen display shows "commodity PLU" unit price

as the right picture shows:



- 5) input unit price,press"total" to confirm,into"commodity PLU"name setting. Screen display shows"commodity PLU"name.

as the right picture shows:



=Plu Set.=

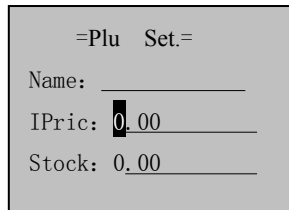
Name: \_\_\_\_\_

Capital: \_\_\_\_\_

[Char Key Input]

6) input name,press"total" to confirm,into"commodity PLU"purchasing price.screen display will shows "commodity PLU" purchasing price.

as the right picture shows:



=Plu Set.=

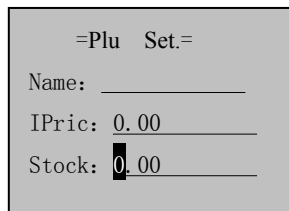
Name: \_\_\_\_\_

IPric: 0.00

Stock: 0.00

7) input purchasing price,press"total" to confirm,into"commodity PLU" stock.screen display shows "commodity PLU" stock.

as the right picture shows:



=Plu Set.=

Name: \_\_\_\_\_

IPric: 0.00

Stock: 0.00

8) input stock,press"total to confirm,into PLU code input state.

9) Repeat 2),3),4),5),6),7),8), until finish the PLU programming.

10) Press" cash" out of setting;or press "print" to print out all the PLU programming reportss.

Note: 1) print out all have to run to the fourth functions setting be 1148 than can print.

2) input PLU code,press"total",than press"cancel" can delete the current PLU.

3) Input PLU code,press"total" to PLU stock setting,than press"cancel" can delete current PLU stock quantity.(note:delete PLU,PLU stock,have to run to the 14<sup>th</sup> functions setting as 0000 than can delete the PLU,PLU stock )

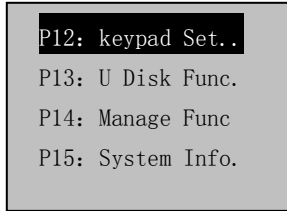
4) Input PLU code,press"total",then press"print" to print out current PLU.

## ➤14.P12:Keyboard setting programming

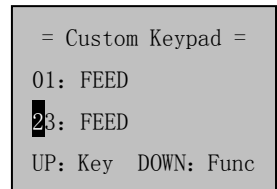
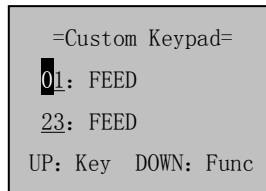
The users can according to their habits and hobby to redefine the arrangement of the keyboard, the key code distribution definition value card appendix B, the keyboard seat number can see appendix

C. Operation as below:

- 1) Press"up" or "down",move the cursor to the position on"P12".  
as the right picture shows:

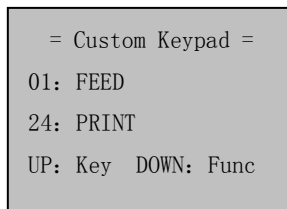


- 2) Move the cursor the the position on"P12"+"total",into the keyboard setting input.(note: up:press key means 01:in-paper;,at the seat of keyboard 1. Can see Appendix C for your reference. down:function,means in-paper key,at the setting function key 23, can see Appendix B for your reference.)  
as the right picture shows:



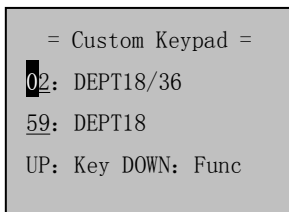
- 3) Input keyboard number,directly press"total",into "setting keyboard functions". Screen display shows the code of "setting keyboard programming."(such as: out the "in-pager" key to be the "print" key,steps as below: first,find the"in-paper" seat number 1 from the Appendix C,then input "01"+"total",screen display shows 01:in-paper, then move the cursor to the position on 23:in-paper,then modify the 23th functions to 24<sup>th</sup> functions, and modify in-paper key to print key,then when sales,the in-paper key means has function of printing.

as the right picture shows:



4) 01 setting finished,press"total",into keyboard 02 setting.

as the right picture shows:



5) press "cash" out of setting,;or press"print" to print all of setting reports.

## ➤15. P13:USB operation programming

The U-disk programming is to use USB to upload programming reports from cash register to computer, then download the programming reports to computer.

That is means no need to connect the cash register and computer,but also can check the reports or data on the computer. This is don't register, can also be connected to computers in the computer.

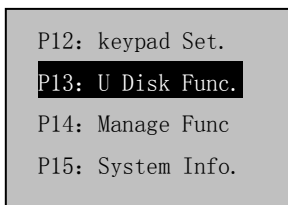
The register has three USB operation attributes:

- Download programming: refers to the U-dish with programming data download from computer, then by U disk data download to register the programming.
- Upload programming: refers to upload the programming data from the cash registers to the U disk,then again by U-disk to the computer.
- Upload reports: refers to upload the programming sale reports from the cash registers to the U disk,then again by U-disk to the computer.

Steps as below:

1) Press"up" or "down",move the cursor to the position on"P13".

as the right picture shows:

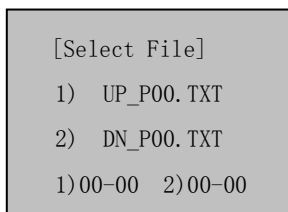






to check from U-disk.)

as the right picture shows:



8) Move the cursor to the position on **“PU02”** .

as the right picture shows:



9) Move the cursor to **“PU02”** + **“total”**, into upload programming.

( upload programming : refers to upload the programming data from cash register to U-disk,then use U-disk upload to computer.)

10) After finish upload programming, will has one tip of succeed,also in U-disk will have one file named UP P00.

11 ) Move the cursor to the position on **“PU03”** .

Move the cursor to the position on **“PU03”** + **“total”** ,into the page of uploading reports. (upload reports: means upload all reports records from the cash register to U-disk,than use U-disk to upload to computer.)

12) After finish upload reports, will has one tip of succeed,also in U-disk will have one file named UP P00.

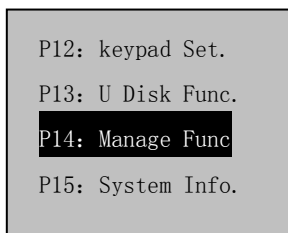
## ➤16.P14:Manager management programming

The manager management programming refers to remove the programming data and programming reports, as well as to control or modify the password.

Steps as below:

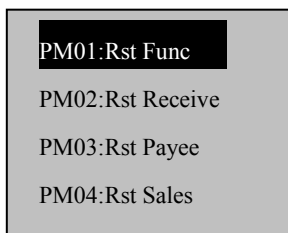
- 1) Press "up" or "down", move the cursor to the position on **"P14"**

as the right picture shows:



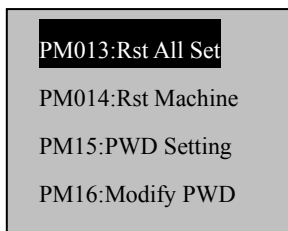
- 2) move the cursor to the position on **"P14" + "total"**, into the page

as the right picture shows:



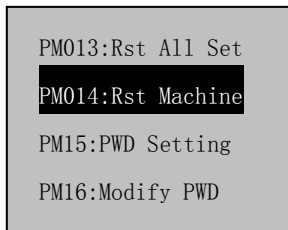
- 3) Press "up" or "down", move the cursor to the position on **"PM01" + "total"**, into to clear the functions programming.
- 4) Press "up" or "down", move the cursor to the position on **"PM01" ~ "PM12"** (every one you can choose) + **"total"** into to clear this programming. (note: above PM01~PM12 are to clear the single programming data)
- 5) Press "up" or "down", move the cursor to the position on **"PM13" + "total"**, into clear all programming.

as the right picture shows:



6) **“PM14”**.

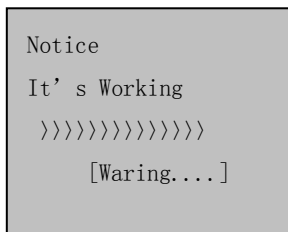
as the right picture shows:



7) move the cursor to the position on **“PM14”+ “total”** ,into"reset factory defaults"

(**note::**reset factory defaults means set the inner programming of the cash register to be factory defaults,clear all of inner reports of the machine.)

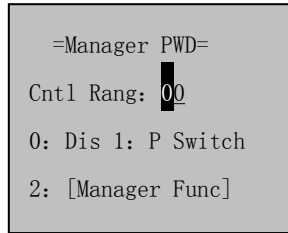
as the right picture shows:



8) Press"up" or "down",move the cursor to the position on**“PM15”+“total”** ,into " password control" setting.

- 1) Control range:.when **“00”** , control password means no valid. refers to into the list of" programming file" and"manager management",no need to input the password but can also enter.
- 2) Control range:.when **“ 01 ”** , control password means valid. refers to into" programming file" ,have to input the password then can enter into.
- 3) Control range:.when **“ 02 ”** , control password means is valid for"manager management". refers to into" manager management" ,have to input the password then can enter into.

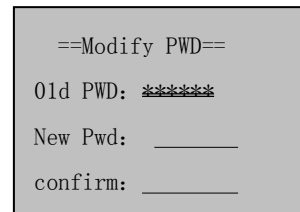
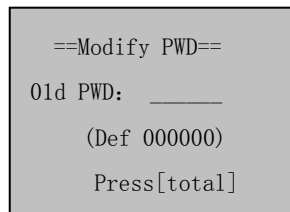
as the right picture shows:



- 9) Press "up" or "down", move the cursor to the position on "PM16" + "total" key, into "modify password" setting.

(note: modify password, first have to input the current password, then input the new password, then confirm the new password.)

as the right picture shows:



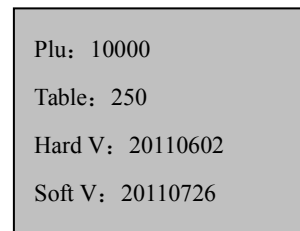
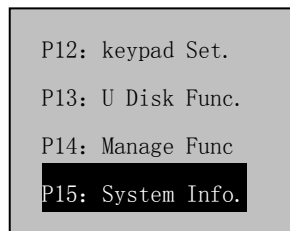
## ➤ 17.P15: System information

System information refers to print out all the inner attributes from cash register.

Steps as below:

- 1) Press "up" or "down", move the cursor to the position on "P15" + "total", can print out all the inner attributes from cash register.

as the right picture shows:



# Collectors reports Operation Instruction

Collectors reports short for "X-reports" the cash register just print out the corresponding reports , not clear the reports data. Next sales will continue to accumulate statistics.

Note: before operating this operation, control lock has be the position on “ X-reports ” file, “X-reports” can print out the single reports.

**Financial reports、 hourly reports、 daily list、 monthly list、 collection reports、 business reports、 sign bill reports、 return reports、 table reports、 table list、 department (DEPT)reports、 commodity (PLU) reports、 direct (DPLU) commodity reports、 package reports、 reports summary、 stock alarm、 PLU daily reports.**

The contents of this chapter:

- Financial reports..... X00
- hourly reports..... X01
- daily list..... X02
- monthly list..... X03
- collection reports..... X04
- business reports..... X05
- sign bill reports..... X06
- return reports..... X07
- table reports..... X08
- table list..... X09
- department (DEPT) reports..... X10
- commodity (PLU) reports..... X11
- direct commodity (DPLU) reports.... X12
- package reports..... X13
- reports summary..... X14
- stock alarm..... X15
- PLU daily reports..... X16

☆1.X00: Financial reports

**Financial reports** is record the detail sales of cash register in different period sales time.it have three types: none-sales commodity(such as distotal,rounding ext.); sales settlement types(such as cash,exchange);total sales(such as little collection,little profit ext.)

Financial reports have 18 items:start /finish date of sales, distotal, coupons, service charge, sub-charge, rounding,return, cancel, cash in, cash out,credit card, sign bill,exchange(eight kinds),the number of open cash box ext.

Note: the calculation formula of the financial reports:

Little collection= turnover –discount – Concessions + Service charge +surcharge + rounding

Little profit=DPLU little profit +PLU little profit

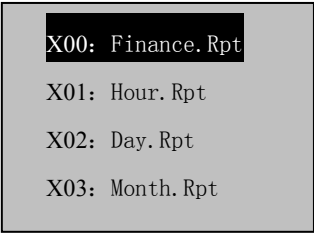
DPLU little profit=DPLU sale value-DPLU sales quantity \* DPLU purchasing price

PLU little profit=PLU sale value-PLU sales quantity \* DPLU

Steps as below:

- 1) Press "up" or "down" ,move the cursor to the position on"X00" + "total", can print out X-financial reports.

as the right picture shows:



- 2) Financial reports sample see the Appendix E.

☆2.X01: Hourly reports

**Hourly reports** is record the detail sales of cash register in every hour (total 24 hours) .

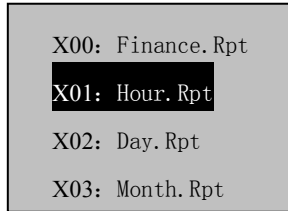
Hourly reports have five items:sale-hourly period, percent rate, quantity of sales times, sales value and total amount.

Steps as below:

- 1) Press"up" or "down",move the cursor to the position on"X01" + "total",can print out the

X-hourly reports.

as the right picture shows:



- 2) Hourly reports sample see Appendix E

### ☆3. X02: Daily list

Daily list reports the current day of sales records summary, can check the records of the days before current day. (1-31 days.)

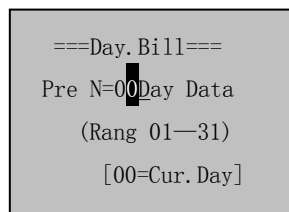
Daily list has two types: current day sales report and current day financial report.

Current department reports has eight items: start/finish date, reports numbers (how many times of printing X-reports), department names, sales quantity, sales value, times of distotal, amount of distotal and total amount.

Steps as below:

- 1) Press "up" or "down", move the cursor to the position on "X02" + "total", into the select of daily printing date, can print out the reports of current day or 1-31 days before current day.

as the right picture shows:



- 2) Input 00+total, print current daily list, input 01+ total, print the yesterday list, such like this, can print out all the list of days before current days (1-31 days.).
- 3) Daily list sample see Appendix E.

### ☆4. X03: Monthly list

Monthly list refers to summary the total sales records of this month according to the



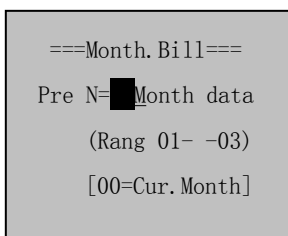
**different departments. Also can print out all reports before this month.(about 01-03 before this month).**

Monthly list have two types:current monthly sales list and current financial reports of the department. Monthly list have eight items:start /finish date of sales, reports serial numbers(times of printing the Z-reports), department name, sales quantity, sales amount, times of distotal, value of distotal and the total amount.

Steps as below:

- 1) press"up" or "down",move the cursor to the position on "X03"+"total",into monthly list printing selections,can print out the current month and before current months(01-03)reports.

as the right picture shows:



```
===Month. Bill===  
Pre N=  Month data  
      (Rang 01- 03)  
      [00=Cur. Month]
```

- 2) Input 00+total to print out the current reports,input 01 can print out the reports of last month.
- 3) Monthly list sample see Appendix E

## ☆5.X04: Collection reports

Collection reports is refers to record sales details of every sales in different period times.

It has five items: collector name,sales percent.sales times,sales value,total amount.

The commission of clerks(note: print out the commission of collectors must into the programming file programming functions,and after finish setting the three kinds of **PF18**、**PF19**、**PF20**, then can print out.

Steps as below:

- 1) Press"up" or "down",move the cursor to the position on "X04"+"total",can print out X-collector reports.
- 2) Collectors reports sample see Appendix E.

## ☆6.X05: Clerk reports

Clerk reports is refers to record sales details of every sales in different period sales times.

It has five items: clerk name,sales percent.sales times,sales value,total amount,clerk commission  
(note: print out the commission of clerks must into the programming file programming functions,and after finish setting the three kinds of **PF18**、**PF19**、**PF20**, then can print out.

Steps as below:

- 1) Press"up" or "down",move the cursor to the position on"X05"+"total",can print out X-clerk reports.
- 2) Clerk reports sample see Appendix E.

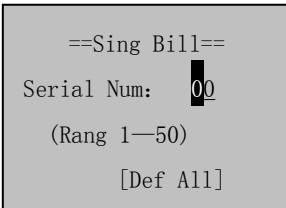
## ☆7.X06: Sign bill reports

**Sign bill reports** is refers to record the detail sales of every sign bill customer.

It has five items: sign bill customer code, sign bill customer name,the percentage ,times of sales,sales value and total amount.

- 1) Press"up" or "down",move the cursor to the position on"X06"+"total",can print out all X-sign bill customer reports.

as the right picture shows:



```
==Sing Bill==
Serial Num: 00
(Rang 1—50)
[Def All]
```

- 2) can single print out of sign bill sales list.(such as: input 01+"total",print 01 sign bill sales list.)
- 3) Want to print out all sign bill list reports, please press "total" directly.
- 3) Sign bill reports sample see Appendix E.

## ☆8.X07: Return reports

**Return reports** is refers to record the return details of sales goods.

It has two parties:return list(total 50 piece) and total return details.

Return list have five items:return time, return good code(PLU), return good name, return quantity and return total amount.

Total return details have two items:total times of return and total amount of return.

Steps as below:

- 1) press"up" or "down",move the cursor to the position on"X07"+"total",can print out all X-return reports.
- 2) Return reports sample see Appendix E.

## ☆9.X08: Table reports

**Table reports** is refers to record all the table sales details(tables have already settlement.) it has five items: table name,the percentage,times of sales,sales value and total amount.

Steps as below:

- 1) Press"up" or "down",move the cursor to the position on"X08"+"total",can print out all X-table reports.
- 2) table reports sample see Appendix E.

## ☆10.X09: table list

**Table list** is refers to record all the tables' sales list(not pay tables)

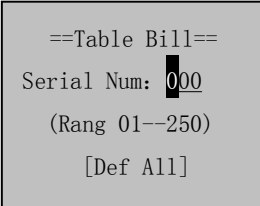
Table sales list is according to the line up order numbers,every record has nine items:table name,commodity code(PLU),commodity name, sales quantity, unit price for sales, sales value, distotal, service charge and total amount.

Table sales list can input the table number,then print out or cancel the records.

Steps as below:

- 1) Press"up" or "down",move the cursor to the position on"X09"+"total",can print out all table sales list reports.

as the right picture shows:



```
==Table Bill==  
Serial Num: 000  
(Rang 01--250)  
[Def All]
```

- 2) can single print out the sales table list.(such as:input 001+total,then print out the list.)

3) Want to print out all list reports, please press "total" directly.

4) table sales list sample see the Appendix E.

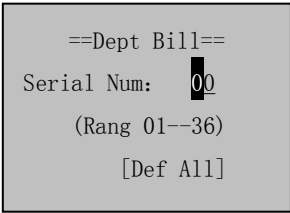
### ☆11.X10: Department (DEPT)reports

Department(DEPT) reports is refers to record all sales details of all departments'. It has six items: department name, sales quantity, sale value, times of distotal, amount of distotal, total amount.

Steps as below:

1) Press"up" or "down",move the cursor to the position on"X10+"total",into the sales department list selection.

as the right picture shows:



2) can single print out the sales department list.(such as:input 01+total,then print out the list.)

3) Want to print out all list reports, please press "total" directly.

4) department sale list sample see the Appendix E.

### ☆12.X11: Commodity (PLU)reports

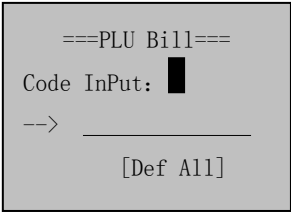
**PLU reports** is refers to record all the PLU details in sales.

PLU reports has eight items: PLU code, PLU name, sales quantity, sale value, little-profit, stock, total little profit and total amount.

Steps as below:

1) Press"up" or "down",move the cursor to the position on"X11"+"total",into the PLU sales department list printing selection.

as the right picture shows:



- 2) can single print out the PLU sales list.(such as: input **0000000000001+total**, print out the commodity sales list reports.
- 3) PLU sales list reports sample see Appendix E.

## ☆13.X12: Direct commodity (DPLU) reports

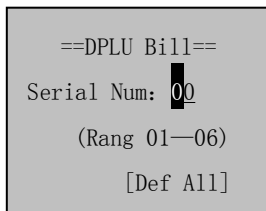
**DPLU reports** is refers to record all DPLU sales details.

DPLU reports has seven items: DPLU name,sales quantity, sales value,little profit, stock, total profit and total amount.

Steps as below:

- 1) Press"up" or "down",move the cursor to the position on"X12+"total",into the DPLU sales list selection

as the right picture shows:



- 2) Can single print out DPLU sales list reports.(such as:input 01+total,print 01 DPLU sales list.)
- 3) Want to print out all DPLU list reports, please press "total" directly.
- 4) DPLU sales list sample see the Appendix E.

## ☆14.X13: set meal/package reports

**set meal/package reports** is refers to record the set meal/package reports.

It has four items:times of sales, sales value,times of distotal,distotal amount.

Steps as below:

- 1) Press"up" or "down",move the cursor to the position on"X13+"total",can print out the X-package sales list.
- 2) Package reports sample see the Appendix E.

## ☆15.X14: reports summary

**reports summary** is refers to set the reports parameter summary together(NO. 8 function parameter),then can print out all kinds of reports together.

**reports summary calculation and steps as below:**

- 1) Be sure which kind of reports need to print.
- 2) Put the selected reports corresponding according to control the value then to summary.
- 3) According to the result,to set the this function parameter.
- 4) Press"up" or "down",move the cursor to the position on"X14+"total",can print out the X-summary reports.Such as:summary reports need to print following reports together: financial reports, hourly reports,monthly reports,collectors reports and department reports, can set the NO.8 function parameter to be"6244".

## ☆16.X15: Stock alarm

**Stock alarm** is refers to record the commodity (PLU)out of stock.

Stock alarm has three items: commodity code,commodity name,commodity shortage quantity.

Steps as below:

- 1) press"up" or "down",move the cursor to the position on"X15+"total",can print out the X-stock alarm reports.
- 2) stock alarm sample see Appendix E.

## ☆17.X16: PLU daily reports

commodity (PLU) daily list is refers to record the current sales commodity and direct commodity.

Steps as below:

- 1) press"up" or "down",move the cursor to the position on"X16+"total",can print out the X-daily list.
- 2) (PLU) daily list sample see Appendix E.

## Managers reports operation instruction

Managers reports is short for “**Z reports**”. After printing the reports, it will be clear all of this reports automatically, and next sales data will be summary.

Note: before operating, the control lock has to be the position on “**Z reports**” file, “**Z reports**” cannot print out the single reports.

The contents of this chapter:

- Financial reports..... Z00
- hourly reports..... Z01
- daily list..... Z02
- monthly list..... Z03
- collection reports..... Z04
- business reports..... Z05
- sign bill reports..... Z06
- return reports..... Z07
- table reports..... Z08
- table list..... Z09
- department (DEPT) reports..... Z10
- commodity (PLU) reports..... Z11
- direct commodity (DPLU) reports... Z12
- package reports..... Z13
- Reports summary..... Z14
- Clear reports..... Z15
- stock alarm..... Z16
- PLU daily reports..... Z17
- Clear serial number..... Z18

## ✦1.Z00: Financial reports

**Financial reports** is record the detail sales of cash register in different period sales time.it have three types: none-sales commodity(such as distotal,rounding ext.); sales settlement types(such as cash,exchange);total sales(such as little collection,little profit ext.)

Financial reports have 18 items:start /finish date of sales, distotal, coupons, service charge, sub-charge, rounding,return, cancel, cash in, cash out,credit card, sign bill,exchange(eight kinds),the number of open cash box ext.

Note: the calculation formula of the financial reports:

Little collection+turnover-distotal+service charge+sub-charge+rounding

Little profit=DPLU little profit+PLU little profit

DPLU little profit=DPLU sale value-DPLU sales quantity \* DPLU purchasing price

PLU little profit=PLU sale value-PLU sales quantity \* DPLU

Steps as below:

1) Press"up" or "down",move the cursor to the position on"X00" + "total",can print out Z-financial reports.

as the right picture shows:



2) financial reports sample see Appendix E.

## ✦2.Z01: Hourly reports

**Hourly reports** is record the detail sales of cash register in every hour (total 24 hours) .

Hourly reports have five items:sale-hourly period, percent rate, quantity of sales times, sales value and total amount.

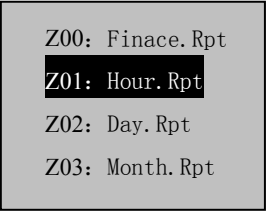
Steps as below:

1) Press"up" or "down",move the cursor to the position on"Z01" + "total",can print out the Z-hourly



reports.

as the right picture shows:



2) hourly reports sample see Appendix E.

✦3.Z02: Daily list

Daily list reports the current day of sales records summary,can check the records of the days before current day.(1-31 days.)

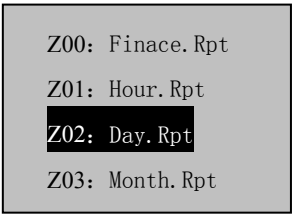
Daily list have two types: current day sales report and current day financial report.

Current department reports has eight items:start/finish date, reports numbers(how many time of printing Z-reports), department names, sales quantity, sales value, times of distotal, amount of distotal and total amount.

Steps as below:

1) Press"up" or "down",move the cursor to the position on "Z02" + "total", can print out the list of current day.

as the right picture shows:



2) daily list sample see Appendix E.

✦4.Z03: Monthly list

Monthly list is refers to summary the total sales records of this month according to the different departments. Also can print out all reports before this month.(about 01-03 before this month).

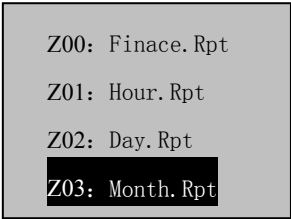
Monthly list have two types:current monthly sales list and current financial reports of the department.

Monthly list have eight items:start /finish date of sales, reports serial numbers(times of printing the Z-reports), department name, sales quantity, sales amount, times of distotal, value of distotal and the total amount.

Steps as below:

- 1) Press"up" or "down",move the cursor to the position on "Z03" + "total", can print out the list of current month.

as the right picture shows::



- 2) Current monthly list sample see Appendix E.

## ✦5.Z04: Collection reports

**Collection reports** is refers to record sales details of every sales in different period times.

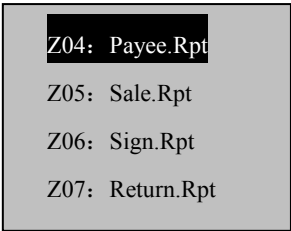
It has five items: collector name,sales percent.sales times,sales value,total amount.

The commission of clerks(note: print out the commission of collectors must into the programming file programming functions,and after finish setting the three kinds of **PF18**、**PF19**、**PF20**, then can print out.

Steps as below:

- 1) Press"up" or "down",move the cursor to the position on"Z04"+"total",can print out Z-collector reports.

as the right picture shows:



2) Collectors reports sample see Appendix E.

✦6.Z05: Clerks reports

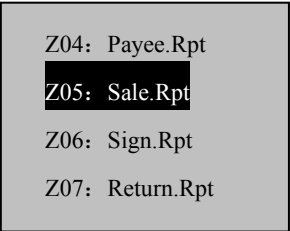
Clerk reports is refers to record sales details of every sales in different period sales times.

It has five items: clerk name,sales percent,sales times,sales value,total amount,clerk commission(note: print out the commission of clerks must into the programming file programming functions,and after finish setting the three kinds of **PF18**、**PF19**、**PF20**, then can print out.

Steps as below:

1) Press"up" or "down",move the cursor to the position on"Z05"+"total",can print out Z-clerk reports.

as the right picture shows:



2) Clerk reports sample see Appendix E.

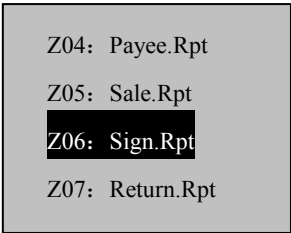
✦7.Z06: Sign bill reports

**Sign bill reports** is refers to record the detail sales of every sign bill customer.

It has five items: sign bill customer code, sign bill customer name,the percentage ,times of sales,sales value and total amount.

1) Press"up" or "down",move the cursor to the position on"Z06"+"total",can print out all Z-sign bill customer reports.

as the right picture shows:



2) sign bill reports sample see Appendix E.

## ✦8.Z07: Return reports

**Return reports** is refers to record the return details of sales goods.

It has two parties:return list(total 50 piece) and total return details.

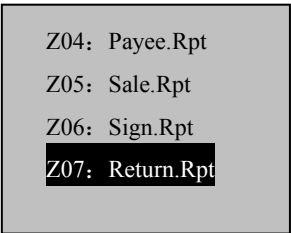
Return list have five items:return time, return good code(PLU), return good name, return quantity and return total amount.

Total return details have two items:total times of return and total amount of return.

Steps as below:

1) Press"up" or "down",move the cursor to the position on"Z07"+"total",can print out all Z-return reports.

as the right picture shows:



2) Return reports sample see Appendix E.

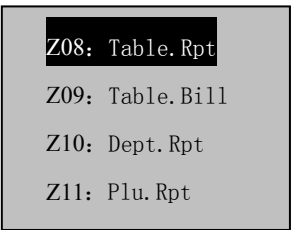
## ✦9.Z08: Open table reports

**Table reports** is refers to record all the table sales details(tables have already settlement.) it has five items: table name,the percentage,times of sales,sales value and total amount.

Steps as below:

1) Press"up" or "down",move the cursor to the position on"Z08"+"total",can print out all Z-table reports.

as the right picture shows:



2) table reports    sample see Appendix E.

✦10.Z09: Open table list

**Table list** is refers to record all the tables' sales list(not pay tables)

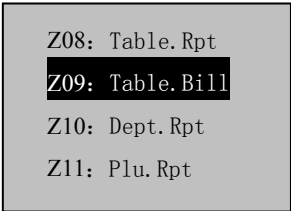
Table sales list is according to the line up order numbers,every record has nine items:table name,commodity code(PLU),commodity name, sales quantity, unit price for sales, sales value, distotal, service charge and total amount.

Table sales list can input the table number,then print out or cancel the records.

Steps as below:

- 1) Press"up" or "down",move the cursor to the position on"Z09"+"total",can print out Z-table sales list.

as the right picture shows:



- 2) table list sample see Appendix E.

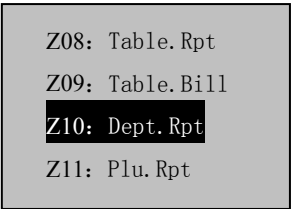
✦11.Z10: Department (DEPT)reports

**Department(DEPT) reports** is refers to record all sales details of all departments'. It has six items: department name, sales quantity, sale value, times of distotal, amount of distotal, total amount.

Steps as below:

- 1) Press"up" or "down",move the cursor to the position on"Z10"+"total",can print out Z-table sale list.

as the right picture shows:



3) department(DEPT) sales reports sample see Appendix E.

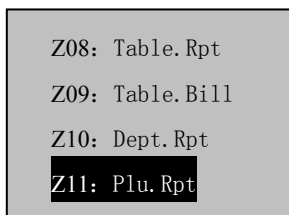
## ✦12.Z11: Commodity (PLU)reports

**PLU reports** is refers to record all the PLU details in sales.

PLU reports has eight items: PLU code, PLU name, sales quantity, sale value, little-profit, stock, total little profit and total amount.Steps as below:

- 1) Press s"up" or "down",move the cursor to the position on"Z11+"total",can print out Z-PLU sales list.

as the right picture shows:



```
Z08: Table. Rpt
Z09: Table. Bill
Z10: Dept. Rpt
Z11: Plu. Rpt
```

- 2) PLU sales list sample see Appendix E.

## ✦13.Z12: Direct commodity (DPLU)reports

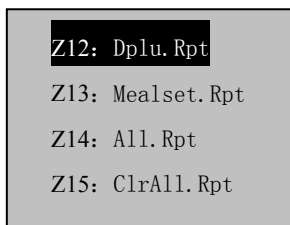
**DPLU reports** is refers to record all DPLU sales details.

DPLU reports has seven items: DPLU name,sales quantity, sales value,little profit, stock, total profit and total amount.

Steps as below:

- 1) Press s"up" or "down",move the cursor to the position on"Z12+"total",can print out Z-DPLU sales list.

as the right picture shows:



```
Z12: Dplu. Rpt
Z13: Mealset. Rpt
Z14: All. Rpt
Z15: ClrAll. Rpt
```

2) Direct commodity (DPLU) sales list sample see AppendixE.

✦14.Z13: set meal/package reports

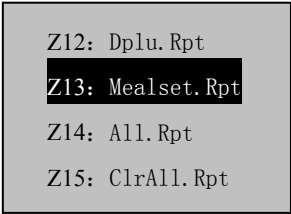
**set meal/package reports** is refers to record the set meal/package reports.

It has four items:times of sales, sales value,times of distotal,distotal amount.

Steps as below:

- 1) Press"up" or "down",move the cursor to the position on"Z13+"total",can print out the Z-package sales list.

as the right picture shows:



2) Package reports sample see the Appendix E.

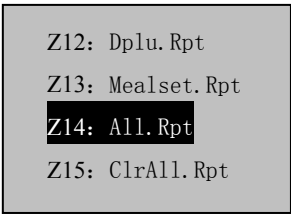
✦15.Z14: reports summary

**reports summary** is refers to set the reports parameter summary together(NO. 8 function parameter),then can print out all kinds of reports together.

**reports summary calculation and steps as below:**

- 1) Be sure which kind of reports need to print.
- 2) Put the selected reports corresponding according to control the value then to summary.
- 3) According to the result,to set the this function parameter.
- 4) Press"up" or "down",move the cursor to the position on"Z14+"total",can print out the Z-summary reports.

as the right picture shows:



Such as:summary reports need to print following reports together: financial reports, hourly reports, monthly reports,collectors reports and department reports, can set the NO.8 function parameter to be"6244".

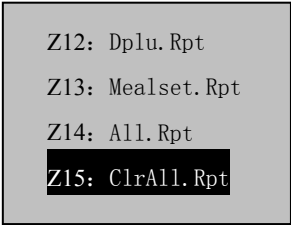
## ✦16.Z15: Clear reports

**Clear reports** is refers to delete all records and reports of the cash register.

Steps as below:

- 1) Press s"up" or "down",move the cursor to the position on"Z15+"total",can delete all records and reports

as the right picture shows:



- 2) clear reports sample see Appendix E.

## ✦17.Z16: Stock alarm

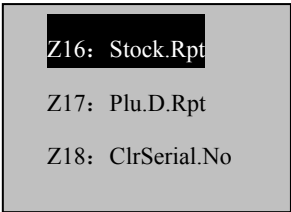
**Stock alarm** is refers to record the commodity (PLU)out of stock.

Stock alarm has three items: commodity code,commodity name,commodity shortage quantity.

Steps as below:

- 1) press"up" or "down",move the cursor to the position on"Z16+"total",can print out the Z-stock alarm reports.

as the right picture shows:





2) stock alarm sample see Appendix E.

✦18.Z17: PLU daily list

commodity (PLU) daily list is refers to record the current sales commodity and direct commodity.

Steps as below:

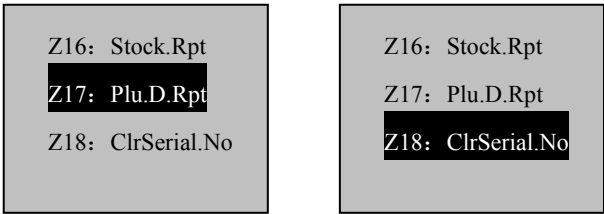
- 1) press"up" or "down",move the cursor to the position on"X16+"total",can print out the X-daily list.
- 2) (PLU) daily list sample see Appendix E.

✦19.Z18: Clear serial numbers

**Clear serial number** is refers to clear all of the reports serial numbers after printing out the X-reports and Z-reports. The serial number start at 001.

- 1) press"up" or "down",move the cursor to the position on"Z17+"total",can clear all of the serial numbers.

as the right picture shows:



# Training Operation Instruction

**Training operation** is refers to test the main display, display, keyboard,printing, COM1,COM2 and U-disk.

**Note:** before operating, the control lock has to be"training" file. During the operation,can press"total" to into the testing.

The contents of this chapter:

- Self test. .... D00
- Main display test. .... D01
- Display test. .... D02
- Keyboard test. .... D03
- Printing test. .... D04
- COM1 test. .... D05
- COM2 test. .... D06
- USB test. .... D07

## **1.D00 : Self test**

Self test is refers to self- test the cash register machine.

Steps as below:

- 1) Open the cash register,put the control lock to training file.
- 2) Press "up" or "down",put the cursor to the position on"D00"+"total",test start.

## **2.D01 : Main display test**

Main display is refers to test the main display of the cash register.

Steps as below:

- 1) Open the cash register,put the control lock to training file.
- 2) Press "up" or "down",put the cursor to the position on"D01"+"total",test start.

## **3.D02 : Display test**

Display test is refers to test the display of the cash register.

Steps as below:

- 1) Open the cash register, put the control lock to training file.
- 2) Press "up" or "down", put the cursor to the position on"D02"+"total",test start.

## **4.D03 : Keyboard test**

Keyboard test is refers to test the 48 press-keys of the cash register.

Steps as below:

- 1) Open the cash register, put the control lock to training file.
- 2) Press "up" or "down", put the cursor to the position on"D03"+"total",test start.

## **5.D04 : Printing test**

Printing test is refers to test the function of printing of the cash register.

Steps as below:

- 1) Open the cash register, put the control lock to training file.
- 2) Put the printing papers on the printer head.
- 3) Press "up" or "down",put the cursor to the position on"D04"+"total",test start.

## **6.D05: COM1 test**

**COM1connector test** is refers to test the communication connectors of the cash register, test them whether can connect to the computer or not. This test can test serial port inter-face, but have to test with COM2 together. When testing, put the line of serial interface one side to connect the COM1 connector and another side to connect the COM2 code connector, then can test.

Steps as below:

- 1) Open the cash register, put the control lock to training file.
- 2) the line of serial interface one side to connect the COM1 connector and another side to connect the COM2 code connector.
- 3) Press "up" or "down", move the cursor to the position on "D05"+"total", test start.

## **7.D06: COM2 test**

**COM2 code connector** is refers to test the code connector whether can connect the laser scanner or not.

Steps as below:

- 1) Open the cash register, put the control lock to training file.
- 2) the line of serial interface one side to connect the COM1 connector and another side to connect the COM2 code connector.
- 3) Press "up" or "down", move the cursor to the position on "D06"+"total", test start.

## **8.D07: USB test**

**USB test** is refers to test whether the USB can upload or download the data from the cash register.

Steps as below:

- 1) Open the cash register, put the control lock to training file.
- 2) Connect the U-disk to the USB connector.
- 3) Press "up" or "down", move the cursor to the position on "D07"+"total", test start.

# ❧ Sales Operation Instruction ❧

Sales operation refers to the normal merchandise sales process, the cash register will record all the transactions data for users analysis.

Note: before operating, the control lock has be the position on "sales" file.

When sales, can press "up" (\*quantity) or "down" (input PLU), to check other commodity that have already settlement.

Sales operations have three parts.

## 1. Sales pretreatment operation

- Setting collector
- Setting clerks
- Open cash-box
- Forbid/permit inner-printing
- Repeat printing of sales receipts
- Cash-input
- Cash-output

## 3. Sales settlement operation

- Coupon settlement
- Service sub-charge settlement
- Rounding settlement
- Cash settlement
- Sign bill customer settlement
- Credit card settlement
- Exchange settlement

## 2. Commodity sales operation

- Department (DEPT) sell
- Commodity (PLU) sell
- Direct commodity (DPLU) sell
- set meal/package sales
- Multi-sales
- Pilot price-input
- Distotal
- Service sub-charge
- Error correction
- Cancel
- Founding name
- Table-paused
- Table-changed
- Table-recovery
- Returns operation

## 1.Setting collectors

Collectors operation is refers to change the current sales collectors.after setting,the sales data will be recorded under the new setting collector's name.,until setting next collector.

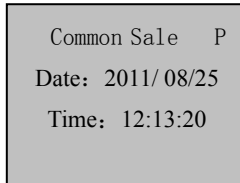
This cash register can be set up to 10 collectors,each collector can set one password in the collector programming. And the password is the only one for this collector.(password cannot repeat.)

Steps as below:

In the initial state of sales(the cash register shows:time),press"collector",into collector of lock state.

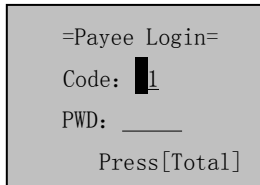
as the right picture shows:

1)



2) Input" collector number"+"total",into "input password of collector.

as the right picture shows:



3) Input password +"total", display shows the sales(lock) disappear. If wrong password,the display will show wrong information,then clear then input again.

4) The operation of setting collectors can use bar code input to inform,but before operating,the password of collector programming has to be the same(also use the bar code input).

## 2.setting clerks

Clerks operation is refers to change the current sales clerks.after setting,the sales data will be recorded under the new setting clerk's name.,until setting next clerk.

This cash register can be set up to 50 clerks.It is according to the serial numbers to distinguish different clerks.

Steps as below:

1) In the initial state of sales(the cash register shows:time),press"clerk number"+"collector",into current clerk setting.(the number is belongs to this clerk.)

### **3.Open the cash-box**

Open cash-box operation is refers to the users open the cash-box by hands. Each operation,the cash register will record and show in the financial reports" times of opening cash-box"; in the normal operation and settlement,the cash-box opened is automatic by the cash register, not record in the financial reports.

Steps as below: In the initial state of sales(the cash register shows:time), press"shift"+"exchange",into cash-box opening by hands.

### **4.Forbid/permit inner-printing**

Inner-printing operation is refers to users when no need to print out the sales receipts,they will close the inner-printing. Other operations are the same.

Permit inner-printing is refers to open the inner-printing,allow to print.

Operations as below:

In the initial state of sales(the cash register shows:time),press"shift"+"print",can forbid or permit to print. If cash register shows"P" that means permit inner-printing; otherwise,means forbid to print.(if not shows"P").

Note: 1) the cash register in the state of permit inner-printing when power up.

2) this setting just permit in the operation of sales.

### **5.Repeat printing of sales receipts**

Repeat printing of sales receipts is refers to the users to repeat of printing the last sales receipts. Also can on the printed receipts writ words of "copy receipt" to distinguish the normal sales receipts.

Steps as below:

In the initial state of sales(the cash register shows:time),press"print",can repeat print the receipts.

Note: repeat print the receipts,must immediately sat after finished the last sales operation,during this operation,cannot stop for a while,otherwise,cannot copy the receipts.

### **6.Cash-input receipts**

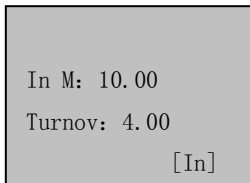
Cash-input is refers to users do not go through the normal sales approach but put cash directly into to

the cash-box. The embodied in an amount of financial reports of "input credit" item.

Steps as below:

In the initial state of sales(the cash register shows:time),input" input amount"+"service charge",can finish input operation,and the cash-box will be opened automatically. The display shows input amount.

as the right picture shows:



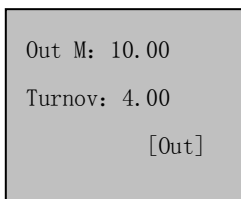
## 7.Cash-output receipts

Cash-output is refers to users do not go through the normal sales approach but put cash directly out from the cash-box. The embodied in an amount of financial reports of "output credit" item.

Steps as below:

In the initial state of sales(the cash register shows:time),input"output amount"+"distotal",can finish output operation,and the cash-box will be opened automatically. The display shows output amount.

as the right picture shows:



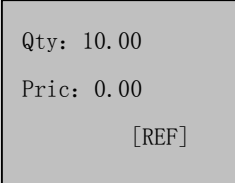
## 8.Multi-sales

Multi-sales is refers to the operation of inputting the same kind of commodities but several piece sales in one time.

Steps as below: input: sales quantity +"up",into multi-sales,display shows sales quantity. Such as: input 10+ "up",



then shows like the right picture:



Qty: 10.00  
Pric: 0.00  
[REF]

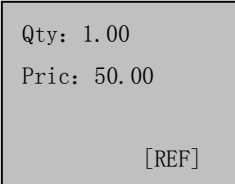
## 9.Pilot price-input

Pilot price is refers to the sale of goods and the unit price which are not set in advance in the sales commodity,but set temporarily during sales.

Steps as below:

- 1) during DEPT sales,input number directly means input unit price;such as,input"100.00"+"department1" means unit price is 100.00.it is belongs to the department 1 commodity sales.
- 2) During DPLU and PLU sales, input: unit price+"down",means input unit price; such as:input"50.00"+"down" then press "1" + "PLU",means the unit price of commodity 1 is 50.00,then press "cash" to finish..

as the right picture shows:



Qty: 1.00  
Pric: 50.00  
[REF]

## 10.Department (DEPT)sell

DEPT sales means use the department key to sales directly, can combined use with multi-sales,pilot price input,distotal and service charge together. But DEPT sales does not has any stock record functions.

Steps as below:

- 1) If there is no setting of unit price in sales programming,must input the pilot price first,and this price just for one time sales; if had already set that price,please ignore this step.
- 2) Want to into the basic department sales,can input "department1~18"directly. If cash register had already set the keyboard,then can according to the basic department of keyboard to input the

department numbers.

- 3) Want to into the expand department sales,can input"shift"+"department 19~36" directly. If cash register had already set the keyboard,then can according to the expand department of keyboard to input the department numbers.

Note:

- 1) Before DEPT commodity sales,can use zero price to sales.(sales unit price is 0.00).
- 2) DEPT sales can use repeat the sales functions.(another word is: repeat the same department key,can repeat the last sales.)

## 11.Commodity(PLU) sell

PLU sales is refers to use the commodity bar code to sales,can combined use with multi-sales,pilot price input,distotal and service charge together. What is more,PLU sales has the functions of stock records and little profit calculation.

Steps as below:

- 1) If there is no setting of unit price in PLU programming,,must input the pilot price firsts; if had already set that price,please ignore this step.
- 2) Input: commodity bar code+"PLU",into PLU sales.
- 3) Single sales commodity cannot more than 80 items.
- 4) Repeat printing of receipts cannot more than 100 lines.
- 5) PLU sales can use the bar code reader to scan input,means no need to use the keyboard to input. This cash register can distinguish the normal bar code and electronic bar code.

Note:

- 1) When sales commodity,can use zero price to sales(sales unit price is 0.00),but have to input the pilot price.
- 3) PLU sales can use repeat the sales functions.(another word is: repeat the same "input" key,can repeat the last sales.)
- 4) When sell multi-commodity,can cancel every bill if you like. At sales commodity of not pay, use"up" or down" to move this bill,press"error correction" to cancel this bill to sales.
- 5) PLU sales is just after setting programming than can do PLU sales.

## 12.Direct commodity (DPLU)sell

Direct commodity(DPLU) sell refers to no need to input the commodity code but can sales goods directly. Can combined use with multi-sales,pilot price input,distotal and service charge together. What is more,direct commodity(DPLU) sales has the functions of stock records and little profit calculation.

Steps as below:

- 1) If there is no setting of unit price in DPLU programming,,must input the pilot price firsts; if had already set that price,please ignore this step.
- 2) When direct sell(DPLU),press direct commodity DPLU1-6.
- 3) When sales commodity directly,can use zero price to sales(such as gift),but have to input the pilot price.
- 4) Direct commodity sell(DPLU), can use repeat the sales functions.(another word is: repeat the same DPLU key,can repeat the last sales.)

Note: this cash register does not has the key of"direct commodity" in the reset factory defaults, but the users can use the keyboard to set,then can add this key to sales good directly.

## 13.set meal/package sales

set meal/package sales is refers to one time sales operation can sales different kinds of commodities in one time. It can combined use with multi-sales,pilot price input,distotal and service charge together, but can not input pilot price.

Steps as below:

- 1) set meal/package sales all PLU single commodity has to be pre-set first.otherwise, the sales operation will has error.
- 2) Input: set meal package number+"set meal package/package", into set meal package/package sales setting.

Note: this cash register does not has the key of"set meal package/package" in the reset factory defaults, but the users can use the keyboard to set,then can add this key to sales set meal package/package goods directly.

## 14. Distotal

Commodity distotal is refers to make a distotal of the commodity sales,has two parties:one is single distotal,another one is total amount distotal. Single distotal is refers to make a distotal for the current sales;total amount distotal is refers to make a distotal for the total sales amount.

Steps as below:

- 1) single distotal,input: the rate of distotal+"distotal",into current sales distotal setting,and the display will show distotal amount;such as:input: 10.00+"distotal",that means make 10% distotal.
- 2) Total amount distotal,input:"total"+ the rate of distotal+"distotal",into total amount distotal setting,and the display will show distotal total amount.

## 15 Service sub-charge

Service sub-charge is refers to make an extra service charge of the commodity sales,has two parties:one is single service sub-charge,another one is total sales service sub-charge. Single service sub-charge is refers to make an extra service charge for the current sales;total sales service sub-charge is refers to make an extra service charge for the total sales.

Steps as below:

- 1) Single service sub-charge,input: the rate of service charge+"service charge",into current sales service sub-charge setting,and the display will show charge amount;such as:input: 10.00+"service charge",that means make an extra service charge of 10% of the current sales.
- 2) Total sales service sub-charge,input:"total"+ the rate of charge+"service charge",into total sales service sub-charge setting, and the display will show charge of total sales.

## 16.Error correction

Error correction is refers to cancel the current sales(just single sales),others are not changed.

Steps as below:

- 1) Press"error correction",into error setting for the current sales.
- 2) If want to correct one of the goods,can input the item number+"error",such as,there are have 20 pieces of goods in the current sales,if need to correct the 15<sup>th</sup> one,can input"15"+"error".
- 3) Press"up" or "down" to make the error goods to show on the display,then press"error",means correct these goods..

- 4) After finish correction,the cash register will print out the information of correct sale,then back to the sales state,can go ahead to sales again.

## **17.Cancel**

Cancel operation is refers to cancel all of sales items,and the cash register will back to the initial sales state.

Steps as below:

Press "cancel", into the operation of cancel.

## **18. Open table**

Founding name is for the sales model of catering,the sales operation according to the founding division, that is very convenient for users to record and manage the tables.

Steps as below:

- 1) In the initial state of sales(the cash register shows:time),input: table number+"open table",into the tables sales inputting.
- 2) If had already in the state of open table sales,input:table number+"open table", the current table will hold on,and into the tables sales inputting.
- 3) After table opened, the sales is the same as the normal sales.

## **19.Table-paused**

Table-paused is refers to hold on the current sales,back to the initial sales state or into other tables sales state. The table of holding on will recorded in the machine,can turn out when settlement.

Steps as below:

- 1) Press"paused",means the current table-paused,back to the initial sales state.
- 2) Such as: input: table number+"open table",can hold on the current sales table,into others tables opened inputting.

## **20.Table-recovery**

Table-recovery is refers to put the founding sales data from a temporary state into the memory, can

continue to be on sale, can also be operating settlement.

Steps as below: input: table number+open table",can into to hold on the data.

## 21.Table-changed

Table changed is refers to users put many tables' record together to the first one record, that is very convenient for the users to operate the whole settlement.

Steps as below:

- 1) Using table operating to put 1# table record into the memory.
- 2) Input: table number2 +"Shift"+"table opened",put 2# table record into memory,also put with 1#table record together.
- 3) Input: table number3 +"Shift"+"table opened",put 3# table record into memory,also put with 1#table record together.
- 4) Repeat 2)、3), can put other tables' record into memory and merger together.
- 5) Can go ahead to pause,distotal,service sub-charge and settlement operations.

Note: table-changed operation and merger records together,cannot more than 80 items.

## 22.Coupon settlement

Coupon settlement is refers to users use the coupon to settle payment.

Steps as below:

- 1) Input: coupon amount+"Shift"+"coupon",can operate the coupon operation. The amount after settlement and operation=total amount-coupon amount.
- 2) Using other ways to settlement.

Note: coupon operation is one way of settlement,this operation just can be work at settlement,cannot be work at sales operations.

## 23.Sub-charge

Sub-charge is refers to increase the sales amount,it is opposite to the coupon operation.

Steps as below:

- 1) Input: sub-charge amount+"Shift"+"service charge",into operation of sub-charge,.The amount

after settlement and operation=total amount + sub-charge amount.

2) Using other ways to settlement.

## **24.Rounding settlement**

Rounding operation is refers to users rounding the sales total amount.

It has two paries: rounding automatically & rounding by hands.

rounding automatically: when rounding control parameters (no. 7) function parameters set to automatically in rounding way, the collection in settlement of automatic chanced before sales data rounding operation.

Rounding by hands: when rounding control parameters (no. 7) function parameters set to in a way of rounding by hands, then, when the former press "collector" in settlement, the cash register will rounding of sales data.

## **25.Cash settlement**

Cash settlement is refers to users use cash to pay the bills.

Steps as below:

- 1) Press"cash",the current sales all pay by cash.
- 2) Input:cash amount+"cash",if input cash amount is less than settlement amount,has to use settlement way to pay again.
- 3) If the input amount is more than settlement amount,the cash register will show and print the find redemption,into the state of finding redemption.
- 4) Press"cash" out of finding redemption,back to initial sales state.

## **26.Sign bill settlement**

Sign bill settlement is refers to sign bill customers use pay by charge to settlement.

Steps as below:

- 1) Input: sign bill customer ID number+"sign bill", the remaining amount pay by sign bill settlement.
- 2) Press"cash" out of finding redemption,back to initial sales state.

## 27.Credit card settlement

Credit card settlement is refers to users pay by credit cards.

Steps as below:

- 1) Press "credit card", the remaining amount pay by credit card.
- 2) Input: cash amount+"credit card",if input amount is less than settlement amount,has to use settlement way to pay again.
- 3) If input amount is more than settlement amount,the cash register will show and print the find redemption,into the state of finding redemption.
- 4) Press"cash" out of finding redemption,back to initial sales state.

## 28.Exchange settlement

Exchange settlement is refers to users pay by foreign exchange. This cash register support eight kinds of exchanges as the settlement ways.

Steps as below:

- 1) Press "exchange1~8",the remaining amount pay by exchange.
- 2) Input: exchange amount+"exchange1~8",if input amount is less than settlement amount,has to use settlement way to pay again.
- 3) Input: exchange amount+"exchange1~8",if input amount is more than settlement amount,the cash register will show and print the find redemption,into the state of finding redemption.
- 4) Press"cash" out of finding redemption,back to initial sales state.

**Note: the reset factory defaults in this cash register,can set exchange 1/5, exchange2/6~exchange 4/8.**

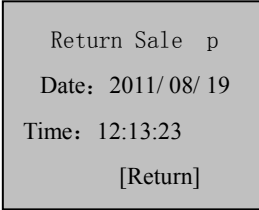
## 29.Return operation

Return operation is refers to users operate the return goods,it is similar with normal sales operation. The different point is return operation is forbid distotal & service charge,and no need to into settlement mode,press"cash" directly out of settlement,the control lock is on the position of "sale"file.Steps as below:

- 1) In sales file,press **“shift” + “cancel”** ,into return sales mode.



as the right picture shows:



Return Sale p  
Date: 2011/ 08/ 19  
Time: 12:13:23  
[Return]

- 2) Return operation please see commodity sales operation for your reference.
- 3) Press "cash", first, the cash register will make a return sales records summary from the return goods reports,,then, back to the state of commodity sales.
- 4) The quantity of return goods cannot more than 50 bills after reset factory defaults. If need to go ahead to return,have to into Z-reports,clear the return reports,then can go on returning goods.
- 5) Return sales receipt see Appendix G.

Note: return sales can set password control,when return goods has to input password then can operate. To set the control password,can into programming functions, then into return goods control. The parameter is 5501,means has control password; 0001 means no password. About the setting parameter,please see Appendix A.

## Appendix A: system function & specifications list

Function NO. name	Function value	Function description		Def ault valu e
01 Return control	XYZH	XY: =00, no password control =55, with password control ZH: communication network NO.(01~99)		000 1
02 Communication rate	XYZH	Communication baud rate		960 0
03 Clear serial number	X000	X:=0,forbid to clear sales serial number(print ZX reports); =1,permit to clear sales serial number (print ZX reports);		000 0
04 Receipt control	XYZH	X:=0, forbid to print PLU code; =1, permit to print PLU code; Y:=0, settlement normal print; =1, settlement double width print; =2, settlement double height print; =3, print all settlement in enlarge; Z: receipt clearance(line of characters); H:print line clearance(point line);		014 8
05 Charge rate	XYZH	Service charge rate	Reset factory default is 1%	010 0
06 Distotal rate	XYZH	Distotal rate	Reset factory default is 1%	010 0

07 Rounding sales	XYZH	X:=0, forbid to rounding automatically; =1, permit to rounding automatically; Y:=0, forbid to rounding print; =1, permit to rounding print; Z:=1, across the floor; =2, across the rounding; =3, across the floor; H:=1, rounding for Dime; =2, rounding for Penny;	102 2
08 reports control	XYZH	X:=4, permit to print financial reports. =2, permit to print hourly reports. =1, permit to print daily reports. Y:=4, permit to print sign bill reports. =2, permit to print current month list. =1, permit to print return reports. Z:=4, permit to print collector reports. =2, permit to print clerk reports. =1, permit to print open tables reports & open table list. H:=4, permit to print department reports. =2, permit to print DPLU reports. =1, permit to print PLU reports. Such as: reports summary need to print financial reports, current daily reports & collector reports, can set as below: X=6(4+2), Y:=0 Z:=4, H:=0 this item parameter is "6040".	777 7
09 Copy receipt	X000	X:=0, permit to print copy receipt. =1, forbid to print copy receipt.	000 0
10 Serial interface	XYZH	X:=0, forbid to serial interface print. =1, permit to 32 characters/line, serial	000 0

print		<p>interface printer.</p> <p>=3 , permit to 42 characters/line,serial interface printer.</p> <p>Y:=0, general printer (such as:LQ-300K) .</p> <p>=1, POS-58Mirco printer.</p> <p>=2, SP-298 Horizontal pushing printer.</p> <p>=3, TM-290/295Horizontal pushing printer.</p> <p>=4, SBP-290IIHorizontal pushing printer.</p> <p>Z:outset print receipt head empty line.</p> <p>H:outset print receipt line empty(push).</p> <p>Outset print receipt bottom empty line(others).</p> <p>XY=10, support external thermal printer.</p> <p>XY=11 , support external thermal printer cutting paper.</p> <p>XY=12 , support external thermal printer cash-box.</p> <p>XY=13 , support external thermal printer cutting paper. &amp; cash-box.</p>	
11 POS control	XYZH	<p>X=0, total copy print.      X=1, kitchen print</p> <p>Y=0,none-sub-window      &amp;      bill      print.</p> <p>Y=1,sub-bill print.</p> <p>Y=2,sub-window      print.</p> <p>Y=3,sub-window&amp;bill print.</p> <p>ZH=06,means single bill department print (01—06)</p> <p>Means window department print (07—36)</p>	000 0

12 Sales print	XYZH	<b>X=0, founding name number normal print.</b> =1, founding name number double width print. =2, founding name number double height print. =3, founding name number enlarge print. <b>Y=0, package number normal print.</b> =1, package number double width print. =2, package number double height print. =3, package number enlarge print. <b>Z=0, serial numbers normal print.</b> =1, serial numbers double width print. =2, serial numbers double height print. =3, serial numbers enlarge print. <b>H=0, commodity name normal print.</b> =1, commodity name double width print. =2, commodity name double height print. =3, commodity name enlarge print.	000 0
13 Package setting	00ZH	<b>Z=0, forbid to print package contents.</b> =1, permit to print package contents. <b>H=0, never affect commodity stock.</b> =1, affect commodity stock.	000 0
14 Program rounding	XY00	<b>X=0, forbid to PLU stock rounding.</b> =1, permit to PLU stock rounding. <b>Y=0, forbid to cancel PLU.</b> =1, permit to cancel PLU.	000 0
15 Stock alarm	XYZH	Users set by themselves.if the stock quantity is less than setting quantity,it will print out in the X/Z stock alarm	000 0

		reports.		
16 01	XYZH	X=0, forbid to bar code scale sales. =1, bar code scale in unit of weight to sales. =2, bar code scale in unit of amount to sales. Y: commodity code number:1 ~ 13, cannot less than 1, or more than 13. Z: commodity measuring number: the factory default is 4 digital and 2 decimal.		046 2
17 Bar code scale 02	XYZH	XY: bar code number $\leq 13$ . ZH: bar code former number $\leq 2$ .		132 2
18 Commission control	XY00	X: collector                      Y: clerk 1: sales amount                  2: profit X=1, means the commission of collectors is basic on sales amount. X=2, means the commission of collectors is basic on profit. Y=1, means the commission of clerks is basic on sales amount. Y=2, means the commission of clerks is basic on profit.		000 0
19 Collector rate	XYZH	Collectors commission rate	Factory default is 0%	000 0
20 Clerks rate	XYZH	Clerks commission rate	Factory default is 0%	000 0

✂Appendix B:keyboard-seating & meaning list

00-digital 0	16-exchange 3/7	32-*/hour	48-department7	64-department23
01-digital 1	17-exchange 4/8	33-input PLU	49-department8	65-department24
02-digital 2	18-credit card	34-PLU	50-department9	66-department25
03-digital 3	19-sign bill	35-package	51-department10	67-department26
04-digital 4	20-service charge	36-PLU1	52-department11	68-department27
05-digital 5	21-distotal/coupon	37-PLU2	53-department12	69-department28
06-digital 6	22-distotal	38-PLU3	54-department13	70-department29
07-digital 7	23-feed paper	39-PLU4	55-department14	71-department30
08-digital 8	24-print	40-PLU5	56-department15	72-department31
09-digital 9	25-backspace	41-PLU6	57-department16	73-department32
10-small number	26-shift	42-department1	58-department17	74-department33
11-digital00	27-cancel/return	43-department2	59-department18	75-department34
12-total	28-error/rounding	44-department3	60-department19	76-department35
13-cash	29-clear	45-department4	61-department20	77-department36
14-exchange 1/5	30-collector/clerk	46-department5	62-department21	other-unset
15-exchange /6	31-open/paused table	47-department6	63-department22	

✂Appendix C :keyboard seating & number list

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	
40	41	42	43	44	45	46	47	48	

**Appendix D: external connection instruction**  
**Connect bar code reader**  
Connect bar code reader

must be connected with "bar code connection" of the cash register.

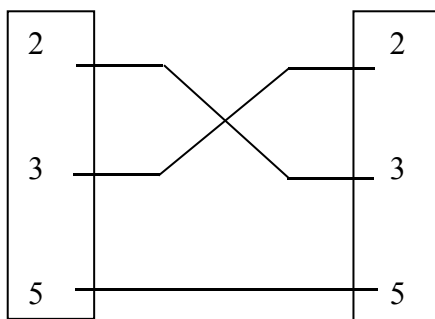
1. Bar code reader's communication connection must be RS-232;
2. Bar code reader's setting is factory default. (it is: 9600 bps, 8 digital, no parity);
3. Laser bar code reader such like external power, can use as normal; but if go through the communication connection to has power,cannot be sure for quality guarantee. Note:before connect with bar code reader,must put off the power.

The following bar code readers can use normally:

TYSSO、KINGFORM、ARGO、VIBRATION;

## ✈ Appendix D: Peripheral connection guide

Use RS-232 communication mode to connect to computer, put RS-232 communication cable connect to "communication port",RS-232 connect line as picture shows:



“communication port”

PC serial interface (9 stitch)



✂Appendix E :Samples of reports

X/Z—Financial Statements			X/Z—Hour Report			
Time:2010/08/09 10:11 001#0001			Time:2010/08/09 10:11 001#0002			
Start Date:2010/08/08 11:53			Time	Rate	Count	Money
Items	Times	Amount	-			
-						
Discount:	0004T	50.00	11N	57.14%	0013T	2187.00
Allowance:	0002T	20.00	14N	42.85%	0004T	1740.00
-						
Service charges:	0004T	75.00	Total Amount:		3927.00	
Surcharge:	0001T	10.00	Welcome Again			
Rounding:	0004T	2.00				
Cancel:	0001T	100.00				
-						
In Money:	0001T	100.00				
Out Money:	0001T	50.00				
Cash:	0008T	2301.00				
Credit:	0003T	100.00				
Sign bill:	0005T	918.00				
Exchange 01	0001T	150.00				
Exchange 04	0001T	150.00				
Exchange 06	0001T	135.00				
-						
Open Box :	0002T					
Gross income:		3910.00				
Gross Profit:		65.00				
Turnover:		3927.00				
Welcome Again						

