ROYAL®

alpha

1100ML

Cash Management System

Instruction Manual

THE CONTENTS

1) BASIC FEATURES AND FUNCTIONS

LCD

T O T A L	$8.76
C A S H	$8.76
C H A N G E	$0.00

Width: 25 characters / Length: 10 characters

VFD

Rear Display: 10 characters (alphanumeric)

Printer

```
*************************
*    YOUR RECEIPT       *
*     THANK YOU         *
*                       *
*************************
09:15          05-19-2006
MC NO.0000          0055
DEPT#001           $1.00
-------------------------
SUBTOTAL           $1.00
-------------------------
TOTAL              $1.00
CASH               $1.00
~~~~~~~~~~~~~~~~~~~~~~~~~
/   HAVE A NICE DAY    /
/   PLEASE COME AGAIN  /
/                      /
~~~~~~~~~~~~~~~~~~~~~~~~~
```

Keyboard

SPECS (SOFTWARE)

Maximum memory for EJ report: 5000 lines in the built in SRAM.

The following describes the maximum number of characters that can be programmed for each item description in a single width:

PLU: 7000 / PLU name: 12 characters

DEPT: 200 / DEPT name: 12 characters

CLERK: 40 / CLERK name: 24 characters

Maximum memory of one time registration at a register mode: 100

Table tracking: 20 table, 60 registration per 1 table

HANDLING

Scroll Bar

Help Message

Entered Value

The remaining number of characters that can be entered.
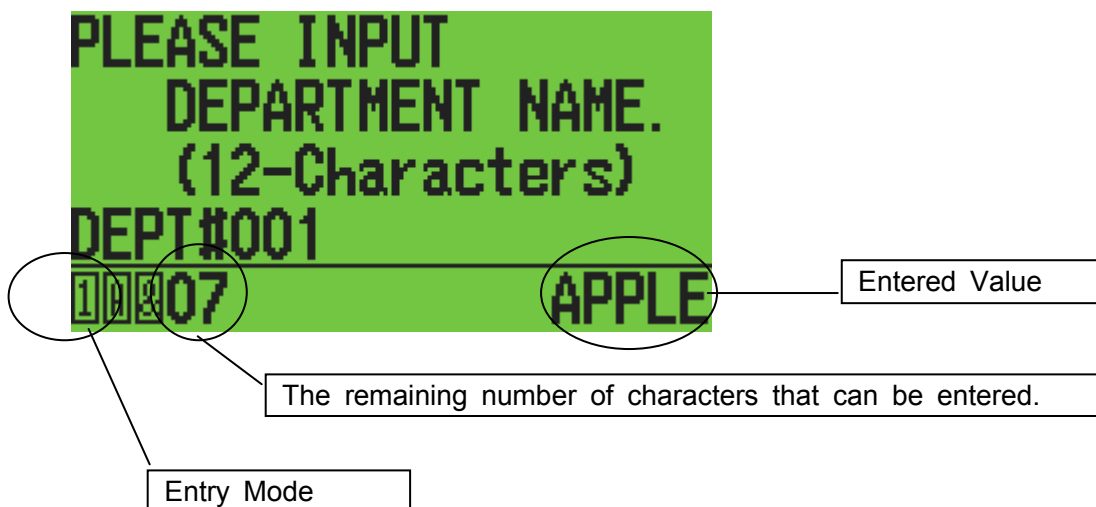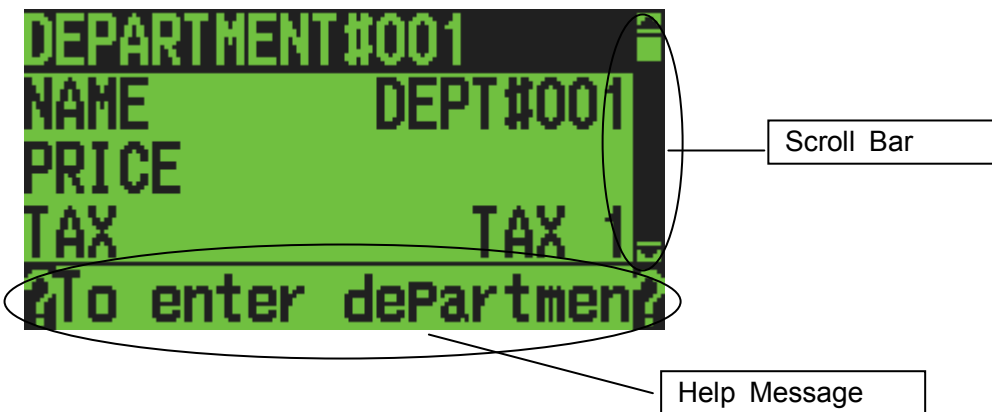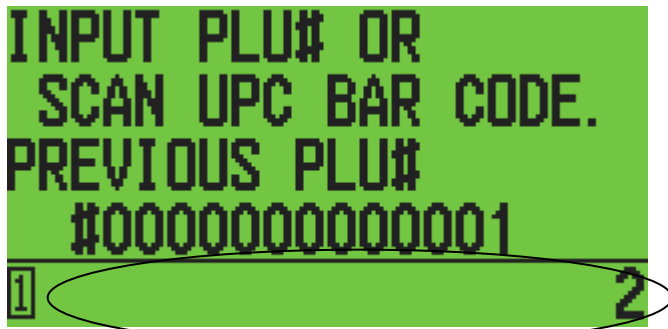
Entry Mode

PLU number or bar code number will display here

ENTRY MODE

Enables you to input letters and symbols using the **DEPT** key with **CAPS ON**.

Enables you to input letters and symbols using the **DEPT** key with **CAPS OFF**.

Enables you to input numbers using the **TEN** key.

Enables you to input symbols using the [**#/NS**] key.

Enables you to register by using the **Bar Code Reader**.

Training Mode in the Registration Mode.

Receipt OFF Mode in the Registration Mode.

EJ Mode in the Registration and "X" Modes.

The **VOID** key enables you to delete 1 character in the character entry of the PRG mode.

[**charge**] = Double Word

[**return**] = CAPS

HELP MESSAGE

The selected item will scroll in the Help Message area.

SCROLL BAR

Appears around the selected item.

3

SOFT KEYBOARD
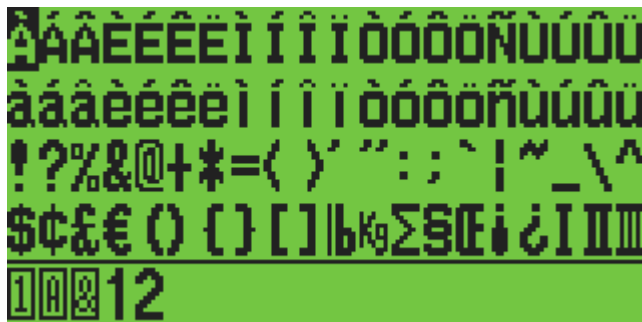
A reversed character shows the position of a cursor.

Use the ←↑↓→ keys to move. (When moving to the right or left, the line you are on will scroll to display the following character or symbol).

To enter the character at the cursor, press the [**enter**] key. Characters on the **TEN** key and the **DEPT** keys are also available.

When you press the [**change**] key, the next characters will become double wide characters.

Press the [**#/NS**] key again and the soft keyboard mode will close and you will return to the **Entry Mode**.

POP UP MENU

The examples illustrated below will appear when an error occurs or a warning appears.
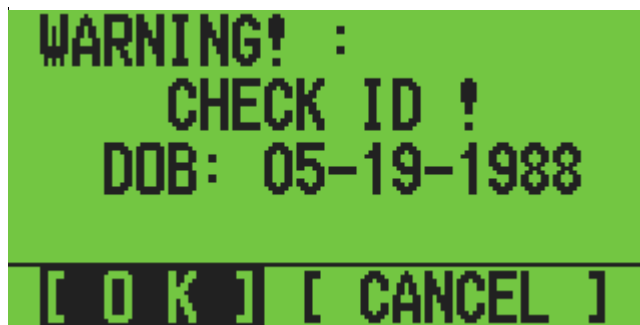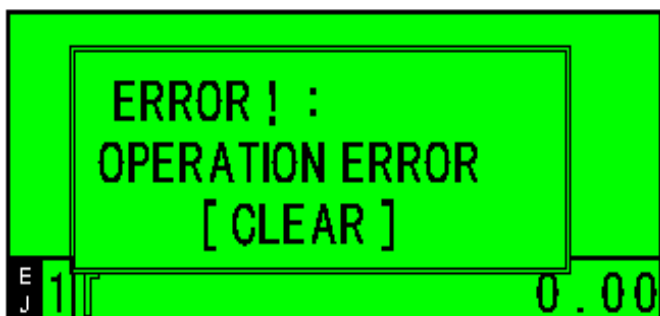
Check the message and select the option you need. Then close the menu by pressing the **[enter]** or **[clear]** key.

In the case of the illustration on the right, select the option you want by using the [←][→] key and then press [**enter**] to close.

ERRORS AND MESSAGES

Sequence Error

```
ERROR ! :
OPERATION ERROR
   [ CLEAR ]
E
J  1              0 . 0 0
```
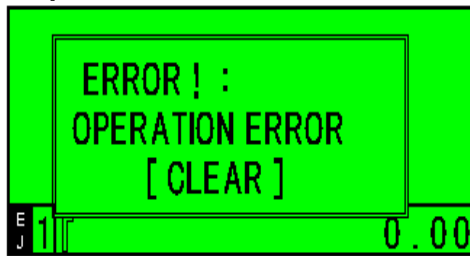
Overflow Error (under a transaction)

```
DEPT#002  $00000.09 T2
DE ERROR ! :          9 T 2
DE MAX.  $ REACHED    9 T 2
DE    [ CLEAR ]       9 T 2
E
J  1              0 . 0 0
```
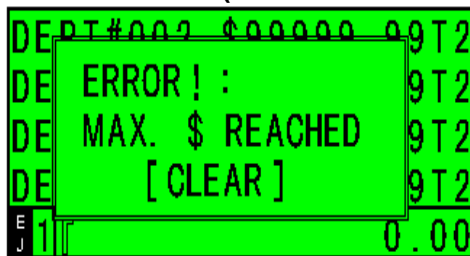
Zero Price Registration Error

```
ERROR ! :
NO ZERO-PRICES
   [ CLEAR ]
E
J  1              0 . 0 0
```
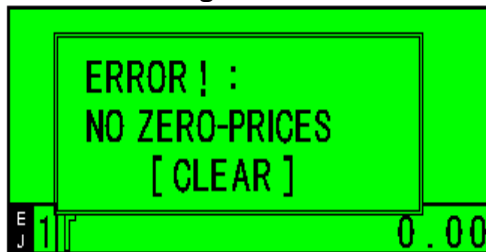
Item Buffer Error (under a transaction)
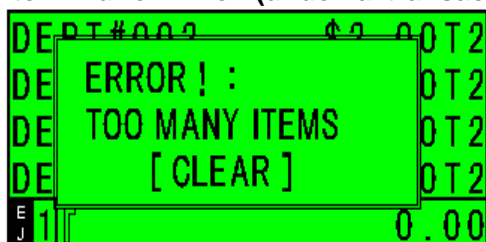
```
DEPT#002      $2.00 T2
DE ERROR ! :          0 T 2
DE TOO MANY ITEMS     0 T 2
DE    [ CLEAR ]       0 T 2
E
J  1              0 . 0 0
```

Clerk Input Error

```
PLEASE  INPUT
C  ERROR ! :
&   CLERK# ERROR   ER
      [ CLEAR ]
E
J  1              0 . 0 0
```

Manager Passcode Error

```
PLEASE INPUT
C    ERROR ! :
&    INVALID PASSCODE    ER
        [ CLEAR ]
E
J  1              0.00
```

Amount Conpulsory Error

```
      ERROR ! :
   ENTER AMT. TEND.
        [ CLEAR ]
DE                 0T1
E
J  1              0.00
```

Paper End Error

```
      ERROR ! :
   CHECK PRINTER
        [ CLEAR ]

E
J  1              0.00
```
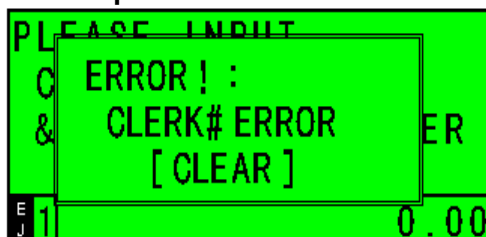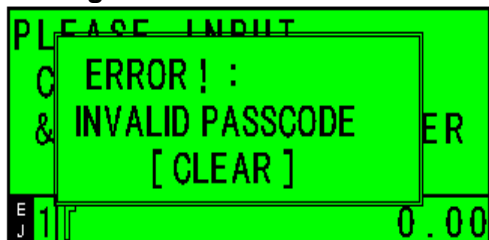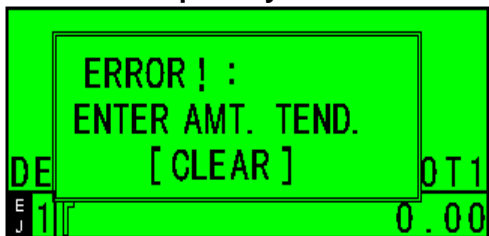
Printer Head Overheat Error

```
      ERROR ! :
   PRINTER OVERHEAT
        [ CLEAR ]

E
J  1              0.00
```
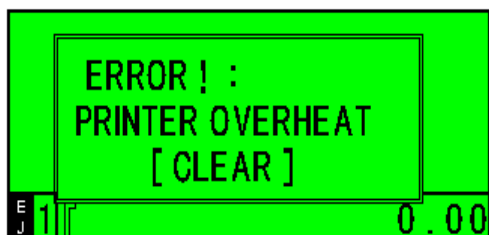
Printer Power Down Error

```
      ERROR ! :
   PRINTER PWR.DOWN
        [ CLEAR ]

E
J  1              0.00
```

SD Card Not Found Error

ERROR ! :
CARD not found.
[CLEAR]
[O K]   [CANCEL]

SD Unusable Data Error

ERROR ! :
Unusable Data
[CLEAR]
[O K]   [CANCEL]
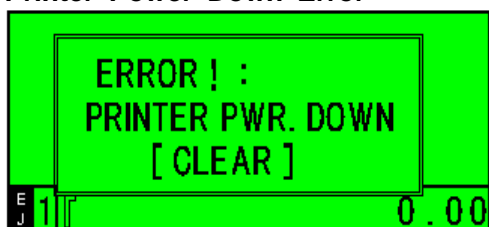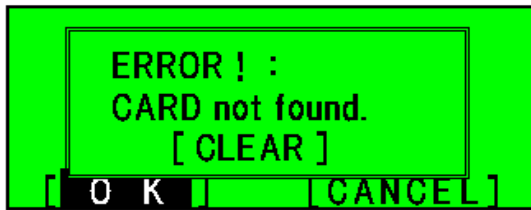
SD CARD Full Error
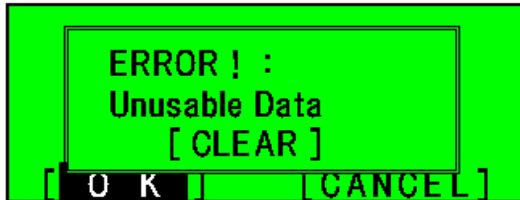
ERROR ! :
SD-CARD full.
[CLEAR]
[O K]   [CANCEL]
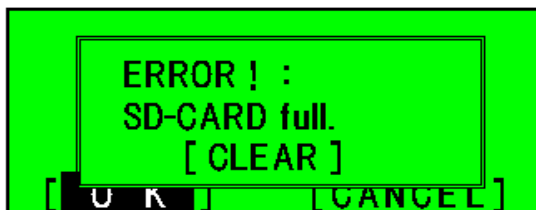
SD Write Protected Error

ERROR ! :
Write protected.
[CLEAR]
[O K]   [CANCEL]

SD Card Error

ERROR ! :
SD-CARD error
[CLEAR]
[O K]   [CANCEL]

SD Data Not Found Error

```
ERROR ! :
Data not found
   [ CLEAR ]
[ O K ]   [CANCEL]
```
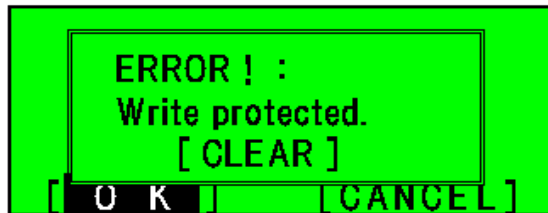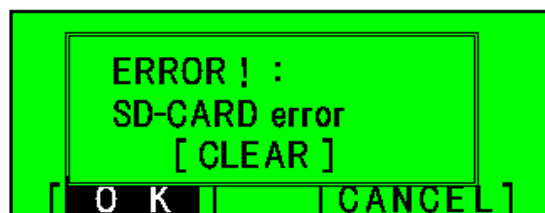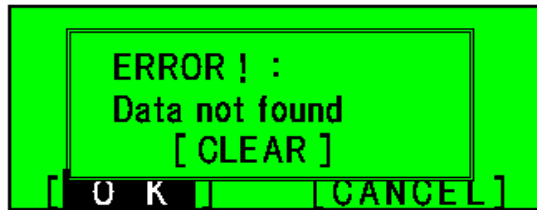
Tran Device Initialize Error

```
ERROR ! :
Tran Init Fail.
   [ CLEAR ]
[ O K ]   [CANCEL]
```
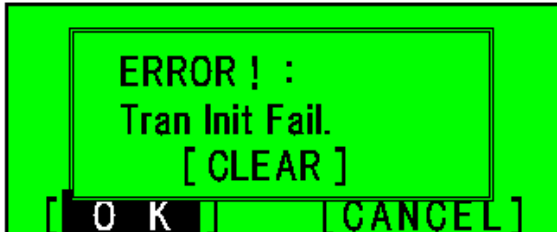
Tran Device Communication Timeout

```
ERROR ! :
Tran Com. timeout.
   [ CLEAR ]
[ O K ]   [CANCEL]
```
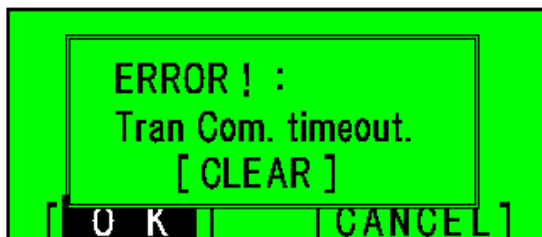
                PAYMENT : Cash, Check, Charge, Credit1・2

    MANAGEMENT REPORT : X CASH IN DRAWER REPORT
                        X1/Z1 FINANCIAL REPORT
                        X2/Z2 PERIODIC REPORT
                        X/Z PLU REPORT
                        X DEPARTMENT REPORT
                        X/Z CLERK REPORT
                        X/Z HOURLY REPORT
                        X/Z ELECTRIC JOURNAL REPORT
                        Z EJ CLEAR REPORT

                PRINTER : SII LTP01-245
        TYPE OF PRINTER : LINE THERMAL PRINTER
            PRINT SPEED : 13 Lines/Second
      NUMBER OF COLUMNS : 24 COLUMNS
            PAPER WIDTH : 58 ± 0.5mm
                   MCTF : About 2000000 Lines

              INTERFACE : PC COMMUNICATION INTERFACE (PC LINK MODE)
                        BARCODE INTERFACE (PRG, REG, REPORT MODE)

KEYBOARD (C)

amount tend total   -   The Amount Tend Total key is used for a cash tender transaction.

<enter>   -   The Enter key is used to progress to the next step.

charge   -   The Charge key is used for a charge tender transaction.

<wide>   -   Double Wide Characters are created by this key.

clear   -   The Clear key will clear an entry made on the numeric keypad or qty key before it is finalized on a department or function key. The Clear key is also used to clear error conditions.

feed   -   Depressing the Feed key advances the receipt or journal paper one line. If you keep depressing the key, it continues to advance a receipt or journal until the key is released.

cpn   -   The CPN key is used to subtract an amount from the sales total. The financial report records the CPN key total.

-%/RA   -   The double-function -% key and Received on Account (RA) key: The -% key is used to subtract an amount from the sales total. The financial report records the -% key total.
       -    The RA key is used to record a media payment or loan to the cash drawer. The financial report records the received on account total.

+%/PO   -   The double-function +% key and Paid Out (PO) key: The +% key Is used to add percentages from the sales total. The financial report records the +% key total.
       -    The PO key is used to remove money from the cash drawer. It carries its own total on the financial report.

#/NS   -   The #/NS key is used to open the drawer without registering an amount or when changing money for a non-sales transaction.

<sym>   -   The Symbol key is used as a symbol input change key at the time of a caption setup.

subtotal   -   The Subtotal key is used to display a sales total.

<reprint>   -   The R Issue key is used to issue a receipt on demand.

return   -   The Return key is used to return merchandise.

<caps>   -   The Caps key corrects activity and sales totals. Merchandise return carries its own total on the financial report. The Caps key is used to toggle between a capital letter and a small letter at the time of a caption setup.

dept shift	-	Department Shift Key (dept shift) is used when a department #17-32 and the numbers 17-32 are selected.
check	-	The Check key is used for check tender transactions.
00,0 - 9	-	Numerical keys are used to input numbers.
plu	-	Price Look Up function.
plu alt/FC	-	The Plu Alt key is used for manual price entries for PLUs.
	-	The FC key is to convert the FC rate.
tax exempt sale	-	The Tax Exempt Sale key is used for tax except operation.
tax force	-	The Tax Force key temporarily enables change to the tax attribution (such as tax1, tax2, tax on tax…etc.) on your display.
void <bksp>	-	The Void key is used to erase an incorrect entry or for error correct operations. The Void key corrects all totals and stores its own total on the financial report. This void key also serves to cancel the last character that was inputted.
qty	-	The qty key is used for multiply department entries. The date/time is displayed by this key.
.	-	The Decimal Point key is used to enter decimal point.
←/table,↑↓→	-	These keys are used to move a cursor or switch items.
	-	The table key is also used to open a table or retrieve a table that Is already opened and to close a table by a payment. Also, this key is used to temporarily close a table.
Receipt on/off	-	This key switches between "printing receipt" and "Not printing receipt".
<ESC>	-	ESC key is used as a key which returns to the upper level menu screen.
DEPT#1-16	-	The DEPT#1-16 key is used to input letters and symbols at the time of any caption setup.
main menu <ON>	-	The MENU key is used to turn the power on while the LED is off. During operation, depressing this key enables you to go to the Main Menu screen directly and return to the Main Menu from the off mode.

2) TOTALIZERS AND COUNTERS

	Z1 / X1		Z2 / X2	
	TOTALIZERS	COUNTERS	TOTALIZERS	COUNTERS
DEPARTMENT 1-200	12(digits) × 200	(6+4)(digits) × 200	2(digits) × 200	(6+4)(digits) × 200
CLERK 1-40	12 × 40	4 × 40	-	-
TAX AMOUNT	12 × 4	-	12 × 4	-
COUPON	12 × 2 *1	-	12 × 2 *1	-
-%	12 × 2 *1	-	12 × 2 *1	-
+%	12 × 2 *1	-	12 × 2 *1	-
RETURN	12 × 1	4 × 1	12 × 1	4 × 1
VOID	12 × 1	4 × 1	12 × 1	4 × 1
RECEIVED ACCOUNT	12 × 1	4 × 1	12 × 1	4 × 1
PAID OUT	12 × 1	4 × 1	12 × 1	4 × 1
CASH	12 × 1	4 × 1	12 × 1	4 × 1
CHARGE	12 × 1	4 × 1	12 × 1	4 × 1
CHECK	12 × 1	4 × 1	12 × 1	4 × 1
CREDIT 1	12 × 1	4 × 1	12 × 1	4 × 1
CREDIT 2	12 × 1	4 × 1	12 × 1	4 × 1
CASH IN DRAWER	12 × 1	-	12 × 1	-
NO SALE	-	4 × 1	-	4 × 1
GRAND TOTAL	14 × 1	-	-	-
NET SALES	12 × 1	-	12 × 1	-
FC IN DRAWER	12 × 1	-	12 × 1	-
GROSS SALES	12 × 1	-	12 × 1	
PLU	12 × 7000	(6+4) × 7000	-	-
Z1 COUNTER	-	4 × 1	-	-
Z2 COUNTER	-	-	-	4 × 1
TIME SALES	12 × 24	4 × 24	-	-
NEW-BALANCE	12 × 1	4 × 1	12 × 1	4 × 1
CLOSE-BALANCE	12 × 1	4 × 1	12 × 1	4 × 1
OPEN TABLE SALES	12 × 1	-	12 × 1	-

3）CASH REGISTER INITIAL SET UP

Turn on the register.

Select the language you want by using the [↑][↓] keys and then press [ENTER].

LCD

NOTE: If the batteries are not installed, you will have to press the Enter key to progress to the next step. Installing the batteries is recommended.

LCD

The following message will appear if the paper is not installed after installing the batteries.

LCD
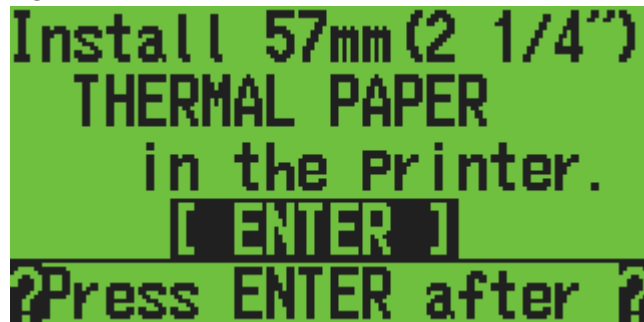
The message below will display after the paper is inserted and the [**enter**] key is pressed.

LCD

Press [**enter**] to retrieve the following message.

```
           IMPORTANT
           MESSAGE
      ************************


   PLEASE READ BEFORE
   CONTINUING.

   Please follow the inst-
   ructions on the 10-lines
   LCD display for easy
   programming.
               .
               .
               .
               .
               .
               .
               .
               .

    Enjoy your new Royal
   Cash Register!
```
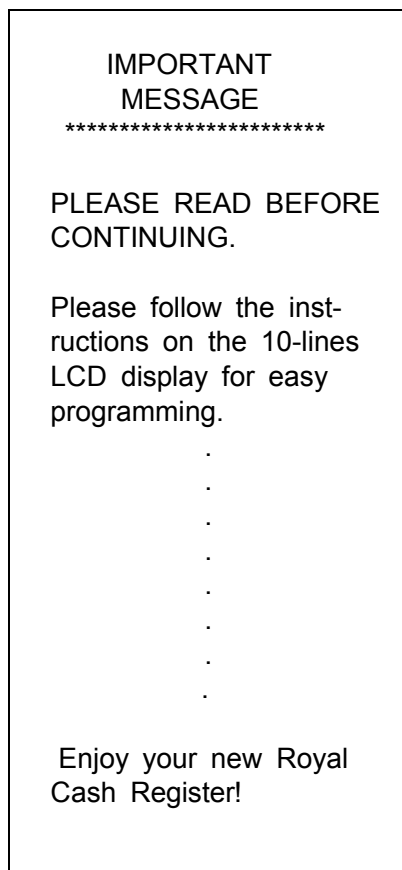
Follow the instructions displayed below to program the date and time.

Example: May 5, 2015, 9:26 AM.

Program the present **YEAR**. Input 2 digits to represent the present year using the numeric keys, then press [**enter**].

Example: 2015 → 15

LCD
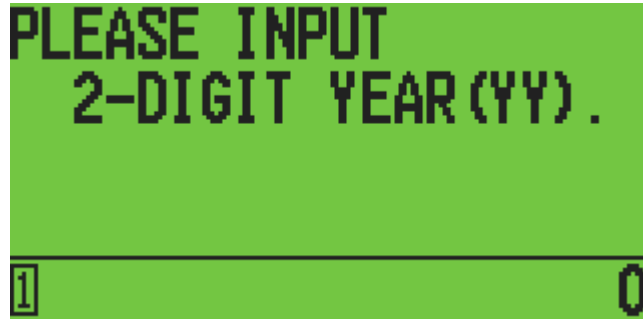
Program the present **MONTH**. Input 2 digits to represent the present month by using the numeric keys, then press [**enter**].

Example: May → 05

LCD

Program the present **DAY**. Input 2 digits to represent the present day by using the numeric keys, then press [**enter**].

Example: 5 ➔ 05

LCD

```
PLEASE INPUT
  2-DIGIT DAY(DD).



[1]                    0
```
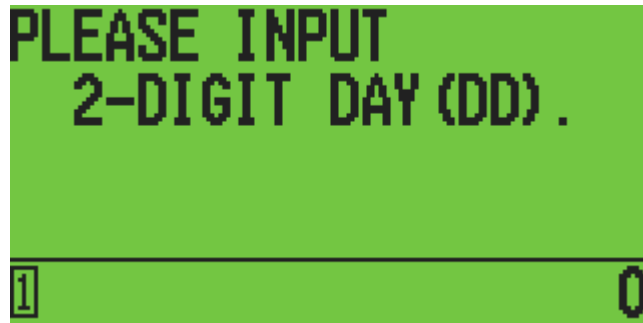
Program the present **HOUR**. Input 2 digits to represent the present hour (military hour) by using the numeric keys, then press [**enter**].

Example: 9 ➔ 09

LCD

```
PLEASE INPUT
  2-DIGIT HOUR(HH).
  (24 HOUR FORMAT)


[1]                    0
```
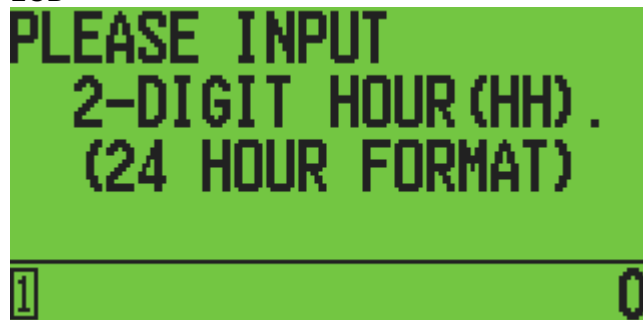
Program the present **MINUTES**. Input 2 digits to represent the present minutes by using the numeric keys, then press [**enter**].

Example: 26 ➔ 26

LCD

```
PLEASE INPUT
 2-DIGIT MINUTES(MM)



[1]                    0
```

To program the TAX SYSTEM

Select the TAX SYSTEM (USA、CANADIAN、VAT) by using either the [↑] and [↓] keys and then press [**enter**].

CANADIAN TAX = CANADIAN TAX **without CANADA ROUNDING**.
CANADIAN ROUNDING = CANADIAN TAX **with CANADA ROUNDING**.

LCD

```
TAX SYSTEM SELECT
USA (ADD ON) TAX      ▲
CANADIAN TAX
CANADA ROUNDING
VAT TAX               ▼
?  Select Tax Calcul?
```
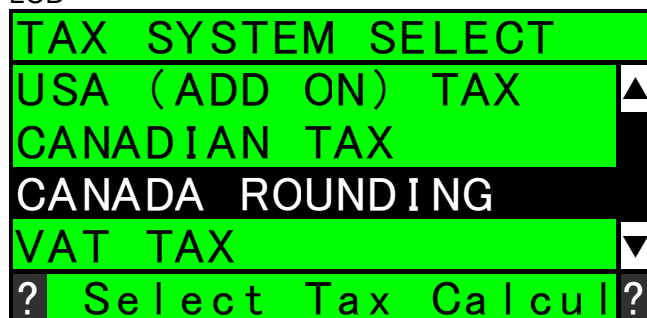
Select STRAIGHT TAX or TABLE TAX by using either the [↑] and [↓] keys and then press [**enter**].

An abbreviation by the [esc] key is possible.

LCD

```
SELECT TAX TYPE
STRAIGHT
TABLE (OPTIONAL)


? Flat Percentage r?
```
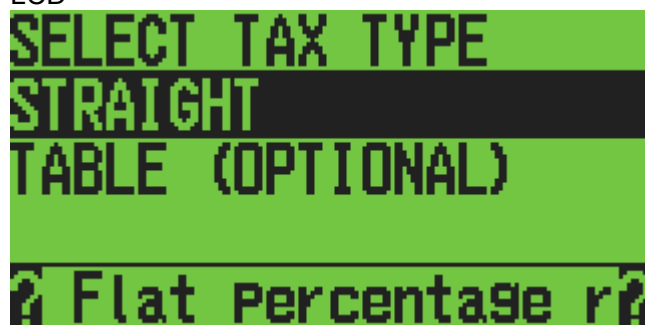
The above is displayed when choosing USA TAX

Enter the RATE (0 - 99.999%) you want using the numeric keys. Then press [**enter**].
An abbreviation by the [esc] key is possible.

For an example for 10%, enter "10000"

LCD

```
PLEASE INPUT
 TAX 1 PERCENT RATE.
 (XX.XXX%) Enter as
 5-digit number.
1                  0
```

LCD

```
INITIAL SET-UP IS
COMPLETE. PRESS
<ENTER> to DISPLAY
THE MAIN MENU.
     [ ENTER ]
```

Press [**enter**]

LCD

```
SALES REGISTRATION
REPORTS
PROGRAMMING
PC-LINK
OFF
```
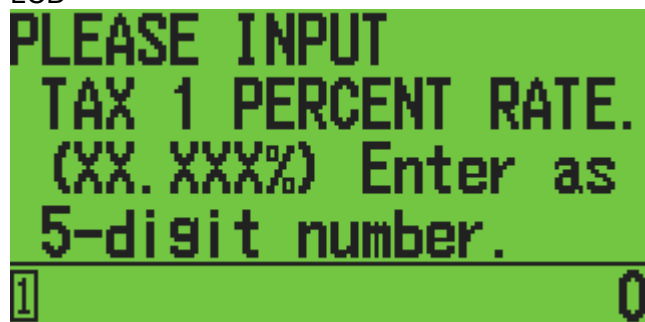
4) OPERATING NOTES

This section provides information regarding the operation.

ALL OPERATIONS ARE PERFORMED IN THE REG MODE.

The term 'department entry' is used in many operating sequences. This refers to a normal department entry - remember that an amount must be entered via the numeric keypad before pressing a department key.

When an operation error occurs, a POP-UP will display what the error is and will give you the solution. At the same time, your ECR will keep beeping until the error is released. Press [**enter**] to release the error.

Recovery of power save returns to a main menu.
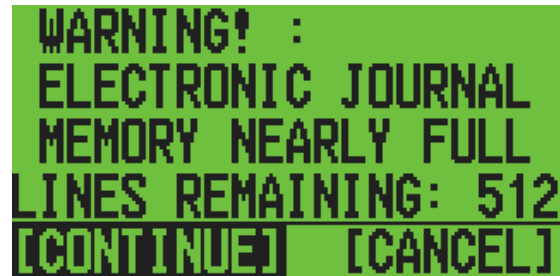
4-a) ELECTRONIC JOURNAL

Items on the electronic journal (EJ) are on the sales receipt and financial report.

(1) **Nearly full warning**

When the maximum number of lines that can be recorded on the EJ are near the maximum, the following screen will appear. Choose either Continue or Cancel by pressing the [←] [→] key.
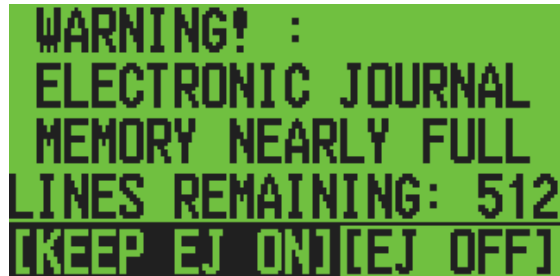
Financial Report:

```
WARNING! :
ELECTRONIC JOURNAL
MEMORY NEARLY FULL
LINES REMAINING: 512
[CONTINUE]    [CANCEL]
```

Choose either [Keep EJ On] or [EJ Off] by pressing the [←] [→] key. If you select [EJ OFF], the sales receipt cannot be recorded into the EJ and the Consecutive Number will not be renewed.

Sales Receipt:
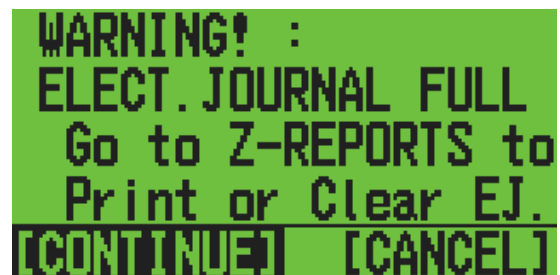
```
WARNING! :
ELECTRONIC JOURNAL
MEMORY NEARLY FULL
LINES REMAINING: 512
[KEEP EJ ON][EJ OFF]
```

(2) **Full error**

When the maximum number of lines that can be recorded on the EJ are reached, the following screen will appear. Choose either continue or cancel by pressing the [←] [→] key.
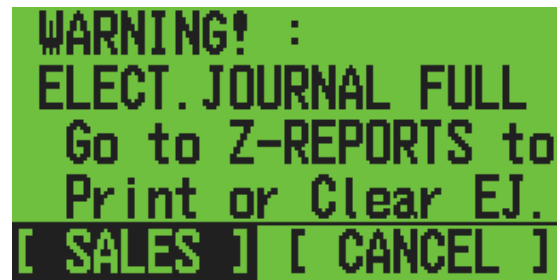
Financial Report:

```
WARNING! :
ELECT.JOURNAL FULL
 Go to Z-REPORTS to
Print or Clear EJ.
[CONTINUE]    [CANCEL]
```

When the maximum number of lines that can be recorded on the EJ are reached, the following screen will appear. Choose either Continue or Cancel by pressing the [←] [→] key.

Sales Receipt:

```
WARNING! :
ELECT.JOURNAL FULL
 Go to Z-REPORTS to
Print or Clear EJ.
[ SALES ] [ CANCEL ]
```

4-b) PARTIAL RESET

Turn the power ON by pressing the [3] and [7] buttons. This allows recovery from a power failure and by keeping all preset data.

4-1) BASICS DISPLAY

Note: The date, etc. cannot be displayed during a transaction.

[**qty/date**]

Default setting

DATE   TIME

```
06-06-2006      15:24
BATTERY :       EMPTY
```
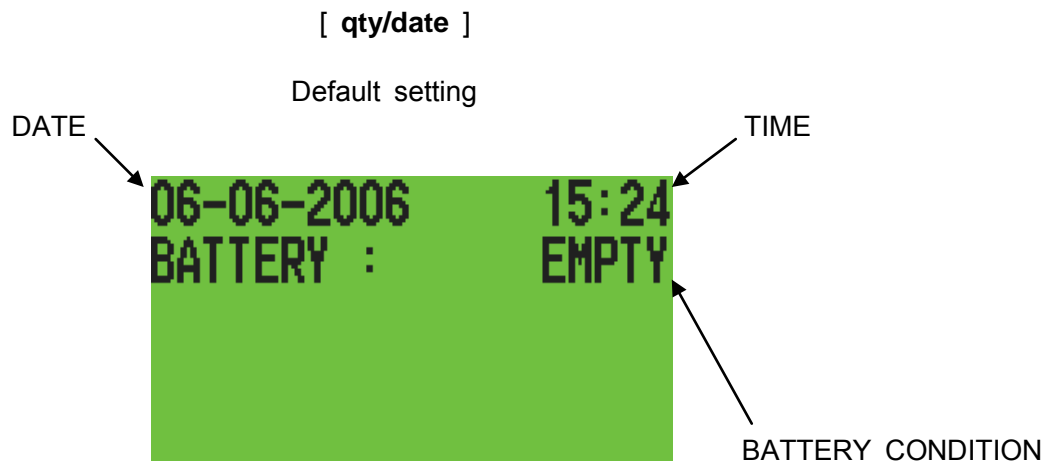
BATTERY CONDITION

When the Clerk System and the Electronic Journal are ON

```
06-06-2006      15:31
CLERK01
ELECT.JOURNAL: ON
   LINES REMAIN: 4000
BATTERY :       EMPTY
```

CLERK NAME

EJ On or OFF

EJ REMAINING LINES
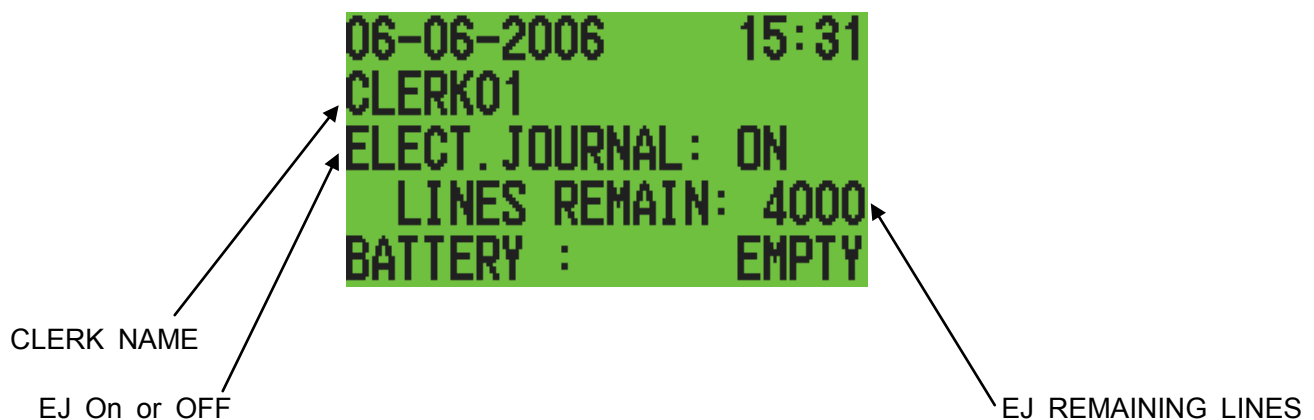
Note: When the EJ function is on, the remaining EJ free space is displayed.

Battery Condition:

    BATTERY: EMPTY
    BATTERY: LOW
    BATTERY: NORMAL

4-2) TO ASSIGN A CLERK

Programming the ENTER CLERK #

[**enter**]

```
PLEASE INPUT
 CLERK NUMBER
& THEN PRESS ENTER

E
J 1                     0.00
```

If the CLERK SECURITY SYSTEM is active, the clerk is prompted to enter the CLERK NUMBER AND PASSCODE when they enter the Sales Registration Mode.

Enter # (000-999) using numeric keys

[**check**]

```
PLEASE INPUT
 CLERK PASSCODE
& THEN PRESS CHECK

E
J 1                        0
```

4-3) SAMPLE RECEIPT & ENTRY SCREEN

```
         ************************
         *    YOUR RECEIPT     *          STORE HEADER (5 line)
         *     THANK YOU       *             STANDARD CHARACTER ..... 24 per line
         *                     *             DOUBLE CHARACTER ....... 12 per lines
         ************************
TIME ——— 14:06      04-12-2006  ——— DATE
MACHINE NUMBER — MC NO.1234      0015  ——— CONSECUTIVE NUMBER
CLERK NAME ——— CLERK01
DEPARTMENT ——— DEPT 1           *1.00T1  ——— TAXABLE 1 DEPARTMENT
  CAPTION      DEPT 2           *2.00T2  ——— TAXABLE 2 DEPARTMENT
               DEPT 3           *3.00  ——— NON-TAXABLE DEPARTMENT
               DEPT 4           *4.00  ——— NON-TAXABLE DEPARTMENT
               ————————————————————
               SUBTOTAL        *10.00  ——— SUBTOTAL
               TAX1             *0.20  ——— TAX 1 AMOUNT
               TAX2             *0.20  ——— TAX 2 AMOUNT
               TOTAL-TAX        *0.40  ——— TAX TOTAL
               ————————————————————
               TOTAL           *10.40
               CASH            *15.00
               CHANGE           *4.60  ——— CHANGE COMPUTATION
               ~~~~~~~~~~~~
                 HAVE A NICE DAY
                 PLEASE COME AGAIN
                                         FOOTER LOGO (5 lines)
               ~~~~~~~~~~~~            STANDARD CHARACTER ..... 24 per line
                                          DOUBLE CHARACTER ....... 12 per line
```

<ENTRY>

When in the Registraion Mode, the sreen below will appear at the start of the transaction.

4-4) DEPARTMENT ENTRIES

Department entries can be entered with a maximum 7 digits.

<Numbered Department Entry>

(amount)   [dept shift] – (1) - [dept shift]   ⟶ ASSIGNS DEPT 1

(amount)   [dept shift] – (2) - [dept shift]   ⟶ ASSIGNS DEPT 2
                        |
                        |
                        |
(amount)   [dept shift] – (200) - [dept shift]   ⟶ ASSIGNS DEPT 200

<Department Shift Entry>

DEPT# 1-16 can be entered with the DEPT KEY. For DEPT# 17-32, use the [dept shift] key as shown below

          [dept shift] - [DEPT 1/17]   ⟶ ASSIGNS DEPT 17

          [dept shift] - [DEPT 2/18]   ⟶ ASSIGNS DEPT 18
                 |
                 |
                 |
          [dept shift] - [DEPT 16/32]   ⟶ ASSIGNS DEPT 32

Department Set Up

1 Press the **Main menu (on)** key.

2 Press the **Arrow Down** key to select Programming. Press the **Amount Tend Total <Enter>** key.

3 If you are prompted for a Manager Passcode, type the passcode number and then press the **Check** key. If you did not program a Manager Passcode, go to the next step.

4 Select Department Set Up and press the **Amount Tend Total <Enter>** key.

5 Follow the prompts on the screen to program the information for your departments.

   Use the **Arrow Up** and **Arrow Down** keys to highlight items on the screen. Press the **Amount Tend Total <Enter>** key to enter your selections.

   The next sections explain what you can program for each department.

6 When you are done programming all departments, press the **Receipt on\off <esc>** key. To add another department, press the **Arrow Down** key to select Next Department.

4-4-1)

Single Department Entry

enter amount ( )-[DEPARTMENT]

Repeat Department Entry

enter amount ( )-[DEPARTMENT]

[DEPARTMENT]

Multiple Department Entry

enter quantity ( )-[qty/date]
(0.001 - 999.999)

enter amount ( )-[DEPARTMENT]

{ TENDER }

Square Multiple Department Entry

enter quantity ( )-[qty/date]
(0.001 - 999.999)

enter quantity ( )-[qty/date]
(0.001 - 999.999)

enter amount ( )-[DEPARTMENT]

{ TENDER }

```
**********************
*    YOUR RECEIPT    *
*    THANK YOU       *
*                    *
**********************
15:01      04-12-2006
MC NO.1234       0019
CLERK01
DEPT 1         *1.00T1          ——— SINGLE DEPARTMENT ENTRY
DEPT 2         *2.00T2          ——— REPEAT DEPARTMENT ENTRY
DEPT 2         *2.00T2
 2x            @3.00       }—— MULTIPLE DEPARTMENT ENTRY
DEPT 3         *6.00
2x 2x          @4.00       }—— Square MULTIPLE DEPARTMENT ENTRY
DEPT 4         *16.00
--------------------------
SUBTOTAL       *27.00
TAX1           *0.20
TAX2           *0.40
TOTAL-TAX      *0.60
--------------------------
TOTAL          *27.60
CASH           *27.60
```

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4-4-2)

Single Department Entry

     enter amount ( )-[dept shift]-[DEPARTMENT]

Repeat Department Entry

     enter amount ( )-[dept shift]-[DEPARTMENT]

            [DEPARTMENT]

Multiple Department Entry

     enter quantity ( )-[qty/date]
     (0.001 - 999.999)

     enter amount ( )-[dept shift]-[DEPARTMENT]

          { TENDER }

Square Multiple Department Entry

     enter quantity ( )-[qty/date]
     (0.001 - 999.999)

     enter quantity ( )-[qty/date]
     (0.001 - 999.999)

     enter amount ( )-[dept shift]-[DEPARTMENT]

          { TENDER }

```
************************
*     YOUR RECEIPT     *
*       THANK YOU      *
*                      *
************************
15:01      04-12-2006
MC NO.1234      0019
CLERK01                          ———— SINGLE DEPARTMENT ENTRY
DEPT 21          *1.00 ———
DEPT 22          *2.00 ———————— REPEAT DEPARTMENT ENTRY
DEPT 22          *2.00
 2x             @3.00  ⎤ ——— MULTIPLE DEPARTMENT ENTRY
DEPT 23          *6.00  ⎦
 2x 2x          @3.00  ⎤ ——— Square MULTIPLE DEPARTMENT ENTRY
DEPT 24         *12.00  ⎦
————————————————————————
SUBTOTAL        *23.00
————————————————————————
TOTAL           *23.00
CASH            *23.00
```

4-5) NUMBERED DEPARTMENT ENTRIES

Single Department Entry

enter amount   (   )-[dept shift]

enter DEPT #   (   )-[dept shift]

Multiple Department Entry

enter quantity (   )-[qty/date   ]
(0.001 - 999.999)

enter amount   (   )-[dept shift]

enter DEPT#   (   )-[dept shift]

{   TENDER   }

Square Multiple Department Entry

enter quantity (   )-[qty/date   ]
(0.001 - 999.999)

enter quantity (   )-[qty/date   ]
(0.001 - 999.999)

enter amount   (   )-[dept shift]

enter DEPT#   (   )-[dept shift]

{   TENDER   }

```
************************
*     YOUR RECEIPT     *
*      THANK YOU       *
*                      *
************************
15:01      04-12-2006
MC NO.1234       0019
CLERK01
DEPT 41         *1.00T1     ——— SINGLE DEPARTMENT ENTRY
 2x              @2.00      ⎤
DEPT 42         *4.00       ⎦—— MULTIPLE DEPARTMENT ENTRY
 2x 2x           @3.00      ⎫
DEPT 43         *12.00      ⎬—— Square MULTIPLE DEPARTMENT ENTRY
————————————————————————   ⎭
SUBTOTAL        *17.00
TAX1            *0.20
TOTAL-TAX       *0.20
————————————————————————
TOTAL           *17.20
CASH            *17.20
```

4-6) PLU ENTRIES

Single PLU Entry

enter PLU # (   )-[plu   ] or { Bar-code reader scan }

enter amount   (   )-[plu alt/FC]
Maximum 7 digits
* See the receipt sample for this over raid price operation.

enter PLU #   (   )-[plu   ] or { Bar-code reader scan }

Multiple PLU Entry

enter quantity (   )-[qty/date]
(0.001 - 999.999)

enter PLU #   (   )-[plu   ] or { Bar-code reader scan }

{   TENDER   }

Square Multiple PLU Entry

enter quantity (   )-[qty/date]
(0.001 - 999.999)

enter quantity (   )-[qty/date]
(0.001 - 999.999)

enter PLU #   (   )-[plu   ] or { Bar-code reader scan }

{   TENDER   }

```
    ***********************
    *     YOUR RECEIPT    *
    *       THANK YOU     *
    *                     *
    ***********************
    15:40      04-12-2006
    MC NO.1234      0026
    CLERK01
    APPLE           *1.00T1
    * PRICE *
    APPLE           *2.00T1  ──────── PRICE OVER RIDE ENTRY
    COKE            *2.00T2  ┐
     2x             @3.00    ┘──────── MULTIPLE PLU ENTRY
    GRAPE           *6.00    ┐
     2x 2x          @1.00    ┘──────── Square MULTIPLE PLU ENTRY
    ORANGE          *4.00
    ─────────────────────────
    SUBTOTAL        *13.00
    TAX1            *0.20
    TAX2            *0.20
    TOTAL-TAX       *0.40
    ─────────────────────────
    TOTAL           *13.40
    CASH            *13.40
```

4-7) cpn KEY OPERATIONS

cpn key entries can be made with a maximum 8 digits.

Item cpn Key Entries

[DEPARTMENT ENTRY]

[DEPARTMENT ENTRY]

enter amount (   )-[cpn   ]

Subtotal cpn Key Entries

[DEPARTMENT ENTRY]

[DEPARTMENT ENTRY]

[subtotal   ]

enter amount (   )-[cpn   ]

{   TENDER   }

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```
************************
*     YOUR RECEIPT     *
*       THANK YOU      *
*                      *
************************
16:32        04-12-2006
MC NO.1234        0036
CLERK01
DEPT 1          *1.00T1
DEPT 2          *2.00T2
COUPON          *-0.10 ─────────── ITEM cpn KEY ENTRY
DEPT 3          *3.00
DEPT 4          *4.00
─────────────────────
SUBTOTAL        *9.90
COUPON          *-0.50 ─────── Subtotal cpn KEY ENTRY
─────────────────────
SUBTOTAL        *9.40
TAX1            *0.19
TAX2            *0.18
TOTAL-TAX       *0.37
─────────────────────
TOTAL           *9.77
CASH            *9.77
```

PLU Set Up

1 Press the **Main menu (on)** key.

2 Press the **Arrow Down** key to select Programming. Press the **Amount Tend Total <Enter>** key.

3 If you are prompted for a Manager Passcode, type the passcode number and then press the **Check** key. If you did not program a Manager Passcode, go to the next step.

4 Press the **Arrow Down** key to select PLU Set Up. Press the **Amount Tend Total <Enter>** key.

5 Press the **Arrow Down** key to select New & Edit. Press the **Amount Tend Total <Enter>** key.

6 Using the rounded Number keys, enter the PLU number. Press the **Amount Tend Total <Enter>** key.

7 Follow the instructions on the display

8 To program the next PLU, go to Next PLU and press the **Amount Tend Total <Enter>** key.

9 When you are done programming, press the **Main menu (on)** key.

4-8) -% KEY OPERATIONS

Sale Discount

[DEPARTMENT ENTRY]

[DEPARTMENT ENTRY]

[subtotal   ]

enter percent rate   (0.01 - 99.99%)-[-%/RA   ]

{   TENDER   }

```
***********************
*     YOUR RECEIPT     *
*      THANK YOU       *
*                      *
***********************
17:29      04-12-2006
MC NO.1234       0041
CLERK01
DEPT 1          *1.00T1
DEPT 2          *2.00T2
-----------------------
SUBTOTAL        *3.00
DISCOUNT        10.00%-    ———— PRESET PERCENT RATE
                *-0.30     ———— DISCOUNT AMOUNT
-----------------------
SUBTOTAL        *2.70
TAX1            *0.18
TAX2            *0.18
TOTAL-TAX       *0.36
-----------------------
TOTAL           *3.06
CASH            *3.06
```

Item Discount

[DEPARTMENT ENTRY]

[DEPARTMENT ENTRY]

enter percent rate (0.01 - 99.99%)-[-%/RA   ]

[DEPARTMENT ENTRY]

{   TENDER   }

```
***********************
*     YOUR RECEIPT      *
*       THANK YOU       *
*                       *
***********************
17:36      04-12-2006
MC NO.1234      0042
CLERK01
DEPT 3          *3.00
DEPT 4          *4.00
DISCOUNT       5.00%-——————— OVERRIDE PERCENT RATE
                *-0.20
DEPT 1          *1.00T1
——————————————————
                                 DISCOUNT AMOUNT
SUBTOTAL        *7.80
TAX1            *0.20
TOTAL-TAX       *0.20
——————————————————
TOTAL           *8.00
CASH            *8.00
```

4-9) +% KEY OPERATIONS

Sale Percent Plus

[DEPARTMENT ENTRY]

[DEPARTMENT ENTRY]

[subtotal   ]

enter percent rate (0.01 - 99.99%) - [+%/PO   ]

{   TENDER   }

```
**********************
*    YOUR RECEIPT    *
*     THANK YOU      *
*                    *
**********************
17:29      04-12-2006
MC NO.1234      0041
CLERK01
DEPT 1          *1.00T1
DEPT 2          *2.00T2
----------------------
SUBTOTAL        *3.00
ADD ON          10.00%+ ———— PRESET PERCENT RATE
                *0.30   ———— PERCENT PLUS AMOUNT
----------------------
SUBTOTAL        *3.30
TAX1            *0.22
TAX2            *0.22
TOTAL-TAX       *0.44
----------------------
TOTAL           *3.74
CASH            *3.74
```

Item Percent Plus

[DEPARTMENT ENTRY]

[DEPARTMENT ENTRY]

enter percent rate (0.01 - 99.99%)-[+%/PO   ]

[DEPARTMENT ENTRY]

{   TENDER   }

```
***********************
*     YOUR RECEIPT     *
*       THANK YOU      *
*                      *
***********************
17:36       04-12-2006
MC NO.1234        0042
CLERK01
DEPT 3           *3.00
DEPT 4           *4.00
ADD ON          5.00%+ ———————— OVERRIDE PERCENT RATE
                 *0.20
DEPT 1          *1.00T1
-----------------------
SUBTOTAL         *8.20
TAX1             *0.20
TOTAL-TAX        *0.20
-----------------------
TOTAL           *8.40
CASH            *8.40
```

OVERRIDE PERCENT RATE

PERCENT PLUS AMOUNT

4-10) VOID KEY OPERATIONS

The void key is used during a (sales) transaction and also at the beginning of a transaction.

To void a Last Item Entry (error correct)

```
[ DEPARTMENT ENTRY ]
[ DEPARTMENT ENTRY ]
[        void        ]
```

To void a specified Item Entry

```
[ DEPARTMENT ENTRY ]
[ DEPARTMENT ENTRY ]
[        clear       ]
[        void        ]
[INCORRECT DEPT.ENTRY ]
{       TENDER       }
```

```
************************
*     YOUR RECEIPT     *
*      THANK YOU       *
*                      *
************************
18:03       04-12-2006
MC NO.1234       0045
CLERK01
DEPT 1          *1.00T1
DEPT 2          *2.00T2
VOID/CORR
DEPT 2          *-2.00T2
DEPT 3          *3.00
DEPT 4          *4.00
VOID/CORR
DEPT 3          *-3.00
--------------------------
SUBTOTAL        *5.00
TAX1            *0.20
TOTAL-TAX       *0.20
--------------------------
TOTAL           *5.20
CASH            *5.20
```

LAST ITEM VOID

NON-LAST ITEM VOID

4-11) SCROLL VOID OPERATIONS

You can choose the item to void by using the upper and lower arrows.

```
              [ DEPARTMENT ENTRY ]
              [ DEPARTMENT ENTRY ]
              [ DEPARTMENT ENTRY ]
              [ DEPARTMENT ENTRY ]
              [        ^         ]
              [        ^         ]

              [       void       ]

[    ESC    ]  or  [     clear     ]

              {      TENDER      }
```

DEPT#001	$1.00T1
DEPT#002	$2.00T2
DEPT#003	$3.00
DEPT#004	$4.00
SUBTOTAL	$10.10

```
***********************
*     YOUR RECEIPT    *
*      THANK YOU      *
*                     *
***********************
18:03       04-12-2006
MC NO.1234       0045
CLERK01
DEPT 1           *1.00T1
DEPT 2           *2.00T2
DEPT 4           *4.00
-------------------------
SUBTOTAL         *7.00
TAX1             *0.20
TAX2             *0.20
TOTAL-TAX        *0.40
-------------------------
TOTAL            *7.40
CASH             *7.40
```

4-12) MERCHANDISE RETURN OPERATIONS

Merchandise Return of a Single Department Entry:

[return   ]

[DEPARTMENT ENTRY]

Merchandise Return of a Multiple Department Entry:

[return   ]

enter quantity   (   )-[qty/date   ]
(0.001 - 999.999)

enter amount   (   )-[DEPARTMENT   ]

{   TENDER   }

```
************************
*     YOUR RECEIPT     *
*      THANK YOU       *
*                      *
************************
19:17        04-12-2006
MC NO.1234        0066
CLERK01
REFUND------------------
DEPT 1          *-1.00T1      ─────── SINGLE ITEM RETURNED
REFUND------------------
 2x              @2.00
DEPT 2          *-4.00T2
------------------------                  MULTIPLE ITEMS RETURNED
SUBTOTAL        *-5.00
TAX1            *-0.20
TAX2            *-0.40
TOTAL-TAX       *-0.60
------------------------
TOTAL           *-5.60
CASH            *-5.60
```

4-13) RECEIVED ON ACCOUNT OPERATIONS

enter amount received   (   )-[-%/RA]
Maximum 8 digits

```
***********************
*     YOUR RECEIPT     *
*      THANK YOU       *
*                      *
***********************
19:17      04-12-2006
MC NO.1234        0066
CLERK01
RECD ACCT       *10.00
```

4-14) PAID OUT OPERATIONS

enter amount paid   (   )-[+%/PO]
Maximum 8 digits

```
***********************
*     YOUR RECEIPT     *
*      THANK YOU       *
*                      *
***********************
19:17      04-12-2006
MC NO.1234        0066
CLERK01
PAID OUT         *5.00
```

4-15) NON-ADD NUMBER PRINT OPERATIONS

The #/NS key is a non-add key which accepts up to a 10 numeric digits. Entry will not add to activity or sales totals.

(Maximum 10 digits)-[#/NS]

```
************************
*      YOUR RECEIPT     *
*       THANK YOU       *
*                       *
************************
19:17        04-12-2006
MC NO. 1234        0066
CLERK01
                 1234567#
DEPT 1           *1.00T1
------------------------
SUBTOTAL         *1.00
TAX1             *0.20
TOTAL-TAX        *0.20
------------------------
TOTAL            *1.20
CASH             *1.20
```

4-16) NO SALE OPERATIONS

A no sale operation will simply open the cash drawer. However, the financial report records the no sale activity count.

[#/NS]

```
************************
*      YOUR RECEIPT     *
*       THANK YOU       *
*                       *
************************
19:17        04-12-2006
MC NO. 1234        0066
CLERK01
NO SALE
```

4-17) TENDERING OPERATIONS - Cash Tender

In System Options Programming, entering the amount tendered prior to pressing the Amount Tend Total key can be programmed.

[DEPARTMENT ENTRY]

[DEPARTMENT ENTRY]

[amount tend/total]   or   [subtotal   ]

enter amount tendered (   )-[amount tend/total]

```
***********************
*     YOUR RECEIPT     *
*       THANK YOU      *
*                      *
***********************
19:17        04-12-2006
MC NO.1234        0066
CLERK01
DEPT 1          *1.00T1
DEPT 2          *2.00T2
──────────────────────
SUBTOTAL        *3.00
TAX1            *0.20
TAX2            *0.20
TOTAL-TAX       *0.40
──────────────────────
TOTAL           *3.40
CASH            *4.00
CHANGE          *0.60
```
                            } — CHANGE COMPUTATION

*Display will show "CA" at 9th and 10th digits for direct tender. A minus sign proceeds it if total is in a minus figure.

4-18) TENDERING OPERATIONS - Check Tender

[DEPARTMENT ENTRY]

[DEPARTMENT ENTRY]

[　　check　　]　　or　　[　　subtotal　　]

enter amount tendered　(　　)-[　　check　　]

```
************************
*     YOUR RECEIPT     *
*     THANK YOU        *
*                      *
************************
19:17      04-12-2006
MC NO.1234      0066
CLERK01
DEPT 1           *1.00T1
DEPT 2           *2.00T2
─────────────────────────
SUBTOTAL         *3.00
TAX1             *0.20
TAX2             *0.20
TOTAL-TAX        *0.40
─────────────────────────
TOTAL            *3.40
CHECK            *4.00
CHANGE           *0.60
```

CHANGE COMPUTATION

*VFD display will show "CH" at 9th and 10th digits for direct tender. A minus sign proceeds it if total is in a minus figure.

4-19) TENDERING OPERATIONS

Charge Tender

```
***********************
*     YOUR RECEIPT     *
*       THANK YOU      *
*                      *
***********************
19:17      04-12-2006
MC NO.1234        0066
CLERK01
DEPT 3           *3.00
DEPT 4           *4.00
---------------------------
SUBTOTAL         *7.00
---------------------------
TOTAL            *7.00
CHARGE           *7.00

```

[DEPARTMENT ENTRY]
[DEPARTMENT ENTRY]

[charge   ] or [subtotal   ]

enter amount
        tendered(   )-[charge   ]

Split Tender

```
***********************
*     YOUR RECEIPT     *
*       THANK YOU      *
*                      *
***********************
19:17      04-12-2006
MC NO.1234        0066
CLERK01
DEPT 1          *1.00T1
DEPT 2          *2.00T2
---------------------------
SUBTOTAL         *3.00
TAX1             *0.20
TAX2             *0.20
TOTAL-TAX        *0.40
---------------------------
TOTAL            *3.40
CASH             *2.00
CHARGE           *1.40
```

[DEPARTMENT ENTRY]
[DEPARTMENT ENTRY]

[subtotal   ]

enter amount
    tendered(   )-[amount tend/total]

[charge   ]

CASH PAYMENT

CHARGE PAYMENT

*VFD display will show "CR" at 9th and 10th digits for charge. A minus sign proceeds it if total is in a minus figure.

A combination is possible for split tender at every tender key.

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4-20) TENDERING OPRATIONS - Credit Tender

* When the "Credit" key is selected in System Option 1, Dept16 is Credit1 and Dept15 is Credit2.

[DEPARTMENT]

[DEPARTMENT]

[Credit 1] ◄──(DEPT 16) or [subtotal]

enter amount tendered(   )-[Credit 1]

```
************************
*     YOUR RECEIPT      *
*      THANK YOU        *
*                       *
************************
19:17      04-12-2006
MC NO.1234       0066
CLERK01
DEPT 1        *1.00T1
DEPT 2        *2.00T2
────────────────────────
SUBTOTAL      *3.00
TAX1          *0.20
TAX2          *0.20
TOTAL-TAX     *0.40
────────────────────────
TOTAL         *3.40       ─── CREDIT PAYMENT
CREDIT1       *3.40
```

*VFD display will show "CR" at 9th and 10th digits for credit. A minus sign proceeds it if total is in a minus figure.

4-21) TENDERING OPRATIONS - Debit Tender

* When the "Debit" key is selected in system option 1, Dept14 is Debit.

[DEPARTMENT]

[DEPARTMENT]

[Debit] ←—(DEPT 14) or [subtotal]

enter amount tendered(   )-[Debit]

```
************************
*     YOUR RECEIPT     *
*      THANK YOU       *
*                      *
************************
19:17      04-12-2006
MC NO.1234        0066
CLERK01
DEPT 1          *1.00T1
DEPT 2          *2.00T2
--------------------------
SUBTOTAL        *3.00
TAX1            *0.20
TAX2            *0.20
TOTAL-TAX       *0.40
--------------------------
TOTAL           *3.40
DEBIT           *3.40 ———  DEBIT PAYMENT
```

*VFD display will show "DE" at 9th and 10th digits for debit A minus sign proceeds it if total is in a minus figure.

4-22) The example at the time of USA TAX SYSTEM

  * **STRAIGHT TAX**

    TAX 1 = 10% , TAX 2 = 20% , TAX 3 = 30% , TAX 4 = 40%

```
***********************
*     YOUR RECEIPT    *
*      THANK YOU      *
*                     *
***********************
19:17      04-12-2006
MC NO.1234      0066
CLERK01
DEPT#001        *1.00T1
DEPT#002        *2.00T2
DEPT#003        *3.00T3
DEPT#004        *4.00T4
---------------------------
SUBTOTAL        *10.00
TAX1            *0.10
TAX2            *0.40
TAX3            *0.90
TAX4            *1.60
TOTAL-TAX       *3.00
---------------------------
TOTAL           *13.00
CASH            *13.00
```

--> 100 x 10% = 10
--> 200 x 20% = 40
--> 300 x 30% = 90
--> 400 x 40% = 160

* **TABLE TAX**

TAX 1 = 8%

TAXABLE RANGE	TAX AMOUNT	
0.00 - 0.14	0.00	→ Irregular point
0.15 - 0.34	0.02	⎫
0.35 - 0.59	0.04	⎬ Regular point
0.60 - 0.84	0.06	⎪
0.85 - 1.14	0.08	⎭

```
***********************
*     YOUR RECEIPT    *
*      THANK YOU      *
*                     *
***********************
19:17      04-12-2006
MC NO.1234      0066
CLERK01
DEPT#001        *0.13T1
-----------------------
SUBTOTAL        *0.13
TAX1            *0.00
TOTAL-TAX       *0.00
-----------------------
TOTAL           *0.13
CASH            *0.13
```

From table:
--->TAXABLE RANGE = 0.13 --> TAX AMOUNT = 0.00

```
***********************
*     YOUR RECEIPT    *
*      THANK YOU      *
*                     *
***********************
19:17      04-12-2006
MC NO.1234      0066
CLERK01
DEPT#001        *0.72T1
-----------------------
SUBTOTAL        *0.72
TAX1            *0.06
TOTAL-TAX       *0.06
-----------------------
TOTAL           *0.78
CASH            *0.78
```

From table:
--->TAXABLE RANGE = 0.72 --> TAX AMOUNT = 0.06

```
************************
*     YOUR RECEIPT     *
*       THANK YOU      *
*                      *
************************
19:17        04-12-2006
MC NO.1234        0066
CLERK01
DEPT#001        *12.69T1
------------------------
SUBTOTAL        *12.69
TAX1             *1.02
TOTAL-TAX        *1.02
------------------------
TOTAL           *13.71
CASH            *13.71
```

--> It calculates in the following formula.

TAXABLE RANGE   TAX AMOUNT

0.00 - 0.14 —— ①   0.00 ———— ③
0.15 - (0.34)   (0.02)
0.35 - 0.59   0.04
0.60 - 0.84   0.06
0.85 - (1.14) —— ②   (0.08) ———— ④
          | |
          | |
          | |

1269 (Sales) – 14 = 1255
                ①

1255 ÷ (114 -14) = 12.55   (100 into 1255 is 12, remainder 55.)
        ②   ①

12 x (8 – 0) = 96
      ④   ③

(55 + 14) ⟶   From table ⟶   6
       ①

96 + 6 = 102

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4-23) The example at the time of CANADIAN TAX SYSTEM

Example 1

Setting:

GST = 5%   (NON TAX LIMIT PRICE = 100)
PST1 = 10% (NON TAX LIMIT PRICE = 100)
PST2 = 20% (NON TAX LIMIT PRICE = 100)
PST3 = 30% (NON TAX LIMIT PRICE = 100)

TAX LIMIT: GST

NON TAX ON TAX

DEPT#001: GST

```
***********************
*    YOUR RECEIPT     *
*      THANK YOU      *
*                     *
***********************
19:17      04-12-2006
MC NO.1234      0066
CLERK01
DEPT#001       *0.30T1
DEPT#001       *0.60T1
----------------------
SUBTOTAL       *0.90
TAX1           *0.00
TOTAL-TAX      *0.00
----------------------
TOTAL          *0.90
CASH           *0.90
```

--> | 30 + 60 | < LIMIT PRICE 100 --> NO TAX
NOTE:
The absolute value of the TAXABLE amount should be compared
with the LIMIT PRICE.

Example 2

Setting:

GST = 5%   (NON TAX LIMIT PRICE = 100)
PST1 = 10% (NON TAX LIMIT PRICE = 100)
PST2 = 20% (NON TAX LIMIT PRICE = 100)
PST3 = 30% (NON TAX LIMIT PRICE = 100)

TAX LIMIT : GST

NON TAX ON TAX

DEPT#001: GST
DEPT#002: GST + PST1
DEPT#003: GST + PST2
DEPT#004: GST + PST3

GST AMOUNT = GST sales total x GST
PST1 AMOUNT = PST1 sales total x PST1
PST2 AMOUNT = PST2 sales total x PST2
PST3 AMOUNT = PST3 sales total x PST3

```
***********************
*    YOUR RECEIPT     *
*     THANK YOU       *
*                     *
***********************
19:17      04-12-2006
MC NO.1234      0066
CLERK01
DEPT#001       *1.00T1
DEPT#002       *2.00TX
DEPT#003       *3.00TX
DEPT#004       *4.00TX
-----------------------
SUBTOTAL       *10.00
TAX1           *0.50
TAX2           *0.20
TAX3           *0.60
TAX4           *1.20
TOTAL-TAX      *2.50
-----------------------
TOTAL          *12.50
CASH           *12.50
```

--> GST AMOUNT = (100 + 200 + 300 + 400) x 5% = 50
--> PST1 AMOUNT = 200 x 10% = 20
--> PST2 AMOUNT = 300 x 20% = 60
--> PST3 AMOUNT = 400 x 30% = 120

NOTE:
All of the above are over LIMIT PRICE. Therefore all the TAX should be calculated.

Example 3

Setting :

GST = 5%   (NON TAX LIMIT PRICE = 100)
PST1 = 10% (NON TAX LIMIT PRICE = 100)
PST2 = 20% (NON TAX LIMIT PRICE = 100)
PST3 = 30% (NON TAX LIMIT PRICE = 100)

TAX LIMIT : GST

TAX ON TAX

DEPT#001 : GST
DEPT#002 : GST + PST1
DEPT#003 : GST + PST2
DEPT#004 : GST + PST3

GST AMOUNT = GST sales total x GST
PST1 AMOUNT = (PST1 sales total x GST + PST1 sales total) x PST1
PST2 AMOUNT = (PST2 sales total x GST + PST2 sales total) x PST2
PST3 AMOUNT = (PST3 sales total x GST + PST3 sales total) x PST3

```
************************
*    YOUR RECEIPT      *
*      THANK YOU       *
*                      *
************************
19:17      04-12-2006
MC NO.1234      0066
CLERK01
DEPT#001        *1.00T1
DEPT#002        *2.00TX
DEPT#003        *3.00TX
DEPT#004        *4.00TX
------------------------
SUBTOTAL        *10.00
TAX1            *0.50
TAX2            *0.21
TAX3            *0.63
TAX4            *1.26
TOTAL-TAX       *2.60
------------------------
TOTAL          *12.60
CASH            *12.60
```

--> GST AMOUNT = (100 + 200 + 300 + 400) x 5% = 50
--> PST1 AMOUNT = (200 x 5% + 200) x 10% = 21
--> PST2 AMOUNT = (300 x 5% + 300) x 20% = 63
--> PST3 AMOUNT = (400 x 5% + 400) x 30% = 126
NOTE:
All of the above are over LIMIT PRICE. Therefore all the TAX
should be calculated.

Example 4

Setting :

GST = 5%   (NON TAX LIMIT PRICE = 200)
PST1 = 10% (NON TAX LIMIT PRICE = 220)
PST2 = 20% (NON TAX LIMIT PRICE = 320)
PST3 = 30% (NON TAX LIMIT PRICE = 400)

TAX LIMIT : GST

TAX ON TAX

DEPT#001 : GST
DEPT#002 : GST + PST1
DEPT#003 : GST + PST2
DEPT#004 : GST + PST3

GST AMOUNT = GST sales total x GST
PST1 AMOUNT = (PST1 sales total x GST + PST1 sales total) x PST1
PST2 AMOUNT = (PST2 sales total x GST + PST2 sales total) x PST2
PST3 AMOUNT = (PST3 sales total x GST + PST3 sales total) x PST3

```
***********************
*    YOUR RECEIPT    *
*     THANK YOU      *
*                    *
***********************
19:17      04-12-2006
MC NO.1234      0066
CLERK01
DEPT#001        *1.00T1
DEPT#002        *2.00TX
DEPT#003        *3.00TX
DEPT#004        *4.00TX
----------------------
SUBTOTAL        *10.00
TAX1            *0.50
TAX2            *0.00
TAX3            *0.00
TAX4            *1.26
TOTAL-TAX       *1.76
----------------------
TOTAL           *11.76
CASH            *11.76
```

--> GST AMOUNT = (100 + 200 + 300 + 400) x 5% = 50

--> PST3 AMOUNT = (400 x 5% + 400) x 30% = 126

NOTE:
PST1 AMOUNT =|(200 x 5% + 200)| --> Below a limit price --> PST1 = NO TAX
PST2 AMOUNT =|(300 x 5% + 300)| --> Below a limit price --> PST2 = NO TAX
The absolute value of TAXABLE Amount should be compared with the LIMIT PRICE.

Example 5

Setting :

GST = 5%   (NON TAX LIMIT PRICE = 100)
PST1 = 10% (NON TAX LIMIT PRICE = 100)
PST2 = 20% (NON TAX LIMIT PRICE = 100)
PST3 = 30% (NON TAX LIMIT PRICE = 100)

TAX LIMIT : GST

TAX ON TAX ON TAX

DEPT#001 : GST
DEPT#002 : GST + PST1 + PST2
DEPT#003 : GST + PST1 + PST3
DEPT#004 : GST + PST2 + PST3

GST AMOUNT = GST sales total x GST
PST1 AMOUNT = (The sales total containing PST1 x GST + The sales total containing PST1) x PST1
PST2 AMOUNT = The sales total containing PST2 x GST --- ①
  (The sales total containing PST1 & PST2 x GST) + The sales total containing PST1 & PST2 --- ②
  ② x PST1 --- ③
  (① + ③ + The sales total containing PST2) x PST2
PST3 AMOUNT = The sales total containing PST3 x GST --- ①
  (The sales total containing PST1 & PST3 x GST) + The sales total containing PST1 & PST3 --- ②
  ② x PST1 --- ③
  (The sales total containing PST2 & PST3 x GST) + The sales total containing PST2 & PST3 --- ④
  ④ x PST2 --- ⑤
  (① + ③ + ⑤ + The sales total containing PST3) x PST3

```
**********************
*    YOUR RECEIPT    *
*    THANK YOU       *
*                    *
**********************
19:17      04-12-2006
MC NO.1234      0066
CLERK01
DEPT#001       *1.00T1
DEPT#002       *2.00TX
DEPT#003       *3.00TX
DEPT#004       *4.00TX
_____
SUBTOTAL       *10.00
TAX1            *0.50
TAX2            *0.53
TAX3            *1.30
TAX4            *2.55
TOTAL-TAX       *4.88
_____
TOTAL          *14.88
CASH           *14.88
```

GST AMOUNT = (100 + 200 + 300 + 400) x 5% = 50

PST1 AMOUNT = (500 x 5% + 500) x 10% = 53

PST2 AMOUNT = 600 x 5% = 30
$\qquad$ (200 x 5%) + 200 = 210
$\qquad$ 210 x 10% = 21
$\qquad$ (30 + 21 + 600) x 20% = 130

PST3 AMOUNT = 700 x 5% = 35
$\qquad$ (300 x 5%) + 300 = 315
$\qquad$ 315 x 10% = 32
$\qquad$ (400 x 5%) + 400 = 420
$\qquad$ 420 x 20% = 84
$\qquad$ (35 + 32 + 84 + 700) x 30% = 255

NOTE: LIMIT PRICE will be applied to the following judgement.
 GST: |(100+200+300+400)|>LIMIT PRICE then TAX is calculated.
 PST1: |(500x5%+500)|>LIMIT PRICE then TAX is calculated.
 PST2: |(600x5%+((200x5%)+200)x10%+600)|>LIMIT PRICE then TAX
$\qquad$ is calculated.
 PST3: |(700x5%)+((300x5%)+300)x1%+((400x5%)+400)x20%+700|>LIMIT PRICE
$\qquad$ Then TAX is calculated.

Example 6

Setting :

GST = 5%　(NON TAX LIMIT PRICE = 100)
PST1 = 10% (NON TAX LIMIT PRICE = 100)
PST2 = 20% (NON TAX LIMIT PRICE = 100)
PST3 = 30% (NON TAX LIMIT PRICE = 100)

TAX LIMIT : GST

TAX ON TAX

DEPT#001 : GST
DEPT#002 : GST + PST1
DEPT#003 : GST + PST2
DEPT#004 : GST + PST3

GST AMOUNT = GST sales total x GST
PST1 AMOUNT = (PST1 sales total x GST + PST1 sales total) x PST1
PST2 AMOUNT = (PST2 sales total x GST + PST2 sales total) x PST2
PST3 AMOUNT = (PST3 sales total x GST + PST3 sales total) x PST3

```
***********************
*     YOUR RECEIPT    *
*       THANK YOU     *
*                     *
***********************
19:17      04-12-2006
MC NO.1234       0066
CLERK01
DEPT#001      *0.66T1
DEPT#002      *0.77TX
DEPT#003      *0.88TX
DEPT#004      *0.99TX
----------------------
SUBTOTAL       *3.30
TAX1           *0.17
TAX2           *0.00
TAX3           *0.00
TAX4           *0.31
TOTAL-TAX      *0.48
----------------------
TOTAL          *3.78
CASH           *3.78
```

--> GST AMOUNT = (66 + 77 + 88 + 99) x 5% = 17

--> PST3 AMOUNT = (99 x 5% + 99) x 30% = 31

NOTE:
PST1 AMOUNT = |(77 x 5% + 77)|--> Below a limit price --> PST1 = NO TAX
PST2 AMOUNT = |(88 x 5% + 88)|--> Below a limit price --> PST2 = NO TAX
The absolute value of TAXABLE amount should be compared with
the LIMIT PRICE.

Example 7

Setting :

GST = 5%   (NON TAX LIMIT PRICE = 100)
PST1 = 10% (NON TAX LIMIT PRICE = 100)
PST2 = 20% (NON TAX LIMIT PRICE = 100)
PST3 = 30% (NON TAX LIMIT PRICE = 100)

TAX LIMIT : NO GST

TAX ON TAX

DEPT#001 : GST
DEPT#002 : GST + PST1
DEPT#003 : GST + PST2
DEPT#004 : GST + PST3

GST AMOUNT = GST sales total x GST
PST1 AMOUNT = (PST1 sales total x GST + PST1 sales total) x PST1
PST2 AMOUNT = (PST2 sales total x GST + PST2 sales total) x PST2
PST3 AMOUNT = (PST3 sales total x GST + PST3 sales total) x PST3

```
**********************
*    YOUR RECEIPT    *
*      THANK YOU     *
*                    *
**********************
19:17       04-12-2006
MC NO.1234      0066
CLERK01
DEPT#001       *0.66T1
DEPT#002       *0.77T2
DEPT#003       *0.88T3
DEPT#004       *0.99T4
----------------------
SUBTOTAL        *3.30
TAX1            *0.17
TAX2            *0.00
TAX3            *0.00
TAX4            *0.00
TOTAL-TAX       *0.17
----------------------
TOTAL           *3.47
CASH            *3.47
```

--> GST = (66 + 77 + 88 + 99) x 5% = 17

NOTE:
GST iself is not influenced by "Not include GST".
PST1 AMOUNT = |77| --> Below a limit price --> PST1 = NO TAX
PST2 AMOUNT = |88| --> Below a limit price --> PST2 = NO TAX
PST3 AMOUNT = |99| --> Below a limit price --> PST2 = NO TAX
The absolute value of the TAXABLE amount should be compared with
the LIMIT PRICE.

Example 8

Setting :

GST = 5%   (NON TAX LIMIT PRICE = 100)
PST1 = 10% (NON TAX LIMIT PRICE = 100)
PST2 = 20% (NON TAX LIMIT PRICE = 100)
PST3 = 30% (NON TAX LIMIT PRICE = 100)

TAX LIMIT : GST

NON TAX ON TAX

DEPT#001 : Negative department with GST
DEPT#002 : Negative department with GST + PST1
DEPT#003 : Negative department with GST + PST2
DEPT#004 : Negative department with GST + PST3

GST AMOUNT = GST sales total x GST
PST1 AMOUNT = PST1 sales total x PST1
PST2 AMOUNT = PST2 sales total x PST2
PST3 AMOUNT = PST3 sales total x PST3

```
**********************
*     YOUR RECEIPT      *
*       THANK YOU       *
*                       *
**********************
19:17      04-12-2006
MC NO.1234       0066
CLERK01
DEPT#001       *-1.00T1
DEPT#002       *-2.00TX
DEPT#003       *-3.00TX
DEPT#004       *-4.00TX
_____
SUBTOTAL       *-10.00
TAX1           *-0.50
TAX2           *-0.20
TAX3           *-0.60
TAX4           *-1.20
TOTAL-TAX      *-2.50
_____
TOTAL       *-12.50
CASH           *-12.50
```

--> GST AMOUNT = (-100 + (-200) +(-300) +(-400)) x 5% =-50
--> PST1 AMOUNT = (-200) x 10% = -20
--> PST2 AMOUNT = (-300) x 20% = -60
--> PST3 AMOUNT = (-400) x 30% = -120
NOTE:
The absolute value of all of the above taxable amounts is over
LIMIT PRICE. Therefore all the TAX should be calculated.

Example 9

Setting :

GST = 5%   (NON TAX LIMIT PRICE = 100)
PST1 = 10% (NON TAX LIMIT PRICE = 100)
PST2 = 20% (NON TAX LIMIT PRICE = 100)
PST3 = 30% (NON TAX LIMIT PRICE = 100)

TAX LIMIT : GST

NON TAX ON TAX

DEPT#001 : GST
DEPT#002 : GST

GST AMOUNT = GST sales total x GST

```
************************
*    YOUR RECEIPT      *
*      THANK YOU       *
*                      *
************************
19:17      04-12-2006
MC NO.1234        0066
CLERK01
DEPT#001        *1.50T1
REFUND------------------
DEPT#002        *-1.00T1
------------------------
SUBTOTAL          *0.50
TAX1              *0.00
TOTAL-TAX         *0.00
------------------------
TOTAL            *0.50
CASH             *0.50
```

--→ | (100)+(-150) |< Limit Price -→ GST = 0

NOTE:
A Compared value with LIMIT PRICE is the result of the total taxable amount. During a registration, a negative value like a REFUND operation will directly accumulate to a taxable amount with a negative.

4-24) TAX EXEMPT SALE KEY OPERATIONS

If the Tax Exempt Sale key is depressed prior to pressing the TENDER key after ringing up a sale, the tax will not be added to this sale.

[REGISTRATION]

[tax exempt sale]

{ TENDER }

```
┌─────────────────────────────┐
│                             │
│  19:17      04-12-2006      │
│  MC NO.1234       0066      │
│  CLERK01                    │
│  DEPT 1          *1.00T1     │
│  DEPT 2          *2.00T2     │
│    NON  TAX                 │
│  ─────────────────────────  │
│  TOTAL          *3.00        │
│  CASH           *3.00        │
│                             │
└─────────────────────────────┘
```

Note: An error warning is displayed in the case of a VAT mode.

4-25) TAX FORCE KEY OPERATIONS

Programmed TAX status for departments and PLU's can be changed by the Tax Force key.

Ex. USA-TAX
Dept1 is non taxable status.

```
DEPARTMENT#001
NAME        DEPT#001
PRICE           1.00
TAX          NON TAX
?        To enter  ?
```

Sales registration
[tax force   ]

[v   ]

```
NON TAX
TAX 1
TAX 2
TAX 3
? Please select. Th?
```

[amt tend/total]
[DEPARTMENT ENTRY]

[amt tend/total]

```
DEPT#001        $1.00T1
1            0.00
```

```
19:17      04-12-2006
MC NO.1234       0066
CLERK01
DEPT 1        *1.00T1
---------------------------
SUBTOTAL      *1.00
TAX1          *0.20
TOTAL-TAX     *0.20
---------------------------
TOTAL         *1.20
CASH          *1.20
```

Note: An error warning is displayed in the case of a VAT mode.
An error in the CANADIAN TAX will be mentioned separately.

4-26) GALLONAGE DEPT OPERATIONS

A department that is registered for gallonage alone will have a rounding at the 3rd place after the decimal point and according to the rounding setting.

For multiplication, any unit prices that are registered as programmed but its product will have the rounding in the same way as explained above.

Example: Dept 2 = Preset price   1.234   (Rounding 5/4)

[DEPT 2/18]

enter amount (5678) - [DEPT 2/18]

(2) - [qty   ]

[DEPT 2/18]

(2) - [qty   ]

enter amount (5678) - [DEPT 2/18]

{   TENDER   }

```
19:17        04-12-2006
MC NO. 1234          0066
CLERK01
DEPT 2          *1.23
DEPT 2          *5.68
 2x             @1.234
DEPT 2          *2.47
 2x             @5.678
DEPT 2          *11.36
------------------------
TOTAL           *20.74
CASH            *20.74
```

a unit price

a unit price

4-27) FC CONVERSION OPERATION

· Subtotal value is shown on the display using the FC exchange rate. Converted values are shown when pressing the FC key.

· Original value (local currency) is displayed by using the Subtotal key.

· When tendered immediately after the currency conversion is made the converted total amount is shown on the display.

{ DEPARTMENT ENTRY }

{ DEPARTMENT ENTRY }

[plu alt/FC   ]

enter amount
tendered   (   )-   [TENDER   ]

Note) The EFT payment cannot be done.

Example 1 : DIRECT TENDER

Base Currency: LOCAL

FC Exchange Rate: 1 FC = 2.5 LOCAL (D.P.= 2)

CURRENCY SYMBOL: $

```
FC NAME            FC
LOCAL            2.50
FC RATE          1.00
FC DECIMAL:   X.XX
? Press Enter to in?
```

< DISPLAY >

（1000）－ [DEPT 1/17]

```
001        10.00
```

（2000）－ [DEPT 2/18]

```
002        20.00
```

[subtotal]

```
ST         30.00
```

30.00÷2.5=12.00

[plu alt/FC]

```
□          12.00
```

FC TOTAL

*1 [amt tend/total]

```
CA         12.00
```
FC CASH AMOUNT

*1) In the above example, tender operation is entered while the FC total is on the display and the cash amount is also shown in FC. But the Cash Sales Total and Cash in Drawer are always updated in the Local total.

```
19:17      04-12-2006
MC NO.1234        0066
CLERK01
DEPT 1        *10.00
DEPT 2        *20.00
------------------------
SUBTOTAL      *30.00
------------------------
TOTAL         *30.00  ——— LOCAL TOTAL
FC            $12.00  ——— FC TOTAL
CASH FC       $12.00  ——— FC CASH AMOUNT
```

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Example 2 : OVER TENDER

Base Currency : LOCAL
FC Exchange Rate : 1 FC = 2.5 LOCAL (D.P.= 2)
CURRENCY SYMBOL : $

```
FC NAME           FC
LOCAL           2.50
FC RATE         1.00
FC DECIMAL:    X.XX
? Press Enter to in?
```

< DISPLAY >

（1000） − [DEPT 1/17]

```
001        10.00
```

（2000） − [DEPT 2/18]

```
002        20.00
```

[subtotal]

```
ST         30.00
```

[plu alt/FC   ]

```
□          12.00
```
—— FC TOTAL

(No Print)

*2   2000   [check]

```
C          20.00
```

Change amount to be converted to local currency   (20.00-12.00) x 2.5 = <u>20.00</u>
change

```
19:17        04-12-2006
MC NO.1234        0066
CLERK01
DEPT 1           *10.00
DEPT 2           *20.00
_____
SUBTOTAL         *30.00
_____
TOTAL            *30.00
FC               $12.00
CHECK FC         $20.00
CHANGE           *20.00
CHANGE FC         $8.00
```

LOCAL TOTAL —— TOTAL
FC TOTAL —— FC
FC CHECK AMOUNT —— CHECK FC
LOCAL CHANGE —— CHANGE
FC CHANGE —— CHANGE FC

*2) In the above example, the tender operation is entered while the FC total is on the display. The Check amount is also shown in FC. But Check Sales Total and Cash in Drawer are always updated in Local currency. Change calculation is done after the FC amount is converted to Local.

4-28) DOUBLE RECEIPT ISSUE

The [subtotal/R issue] key enables you to re-print the receipt. Data to be accumulated in RAM to enable this feature is 200 lines. In the event that the data exceeds 200 lines, only the total amount will be be printed.

$$(\quad \text{Transaction} \quad)$$

$$\{ \quad \text{TENDER} \quad \}$$

$$[\quad \text{subtotal/R issue} \ ] \longrightarrow \text{Print receipt}$$

Note) EFT information is not printed in the double receipt

4-29) RECEIPT ON/OFF KEY

You can set the receipt on/off by using the [REC ON/OFF <ESC>] key. This is toggle key. The setting changes whenever pressed.

<RECEIPT ON>   <RECEIPT OFF>

[REC ON/OFF <ESC>]
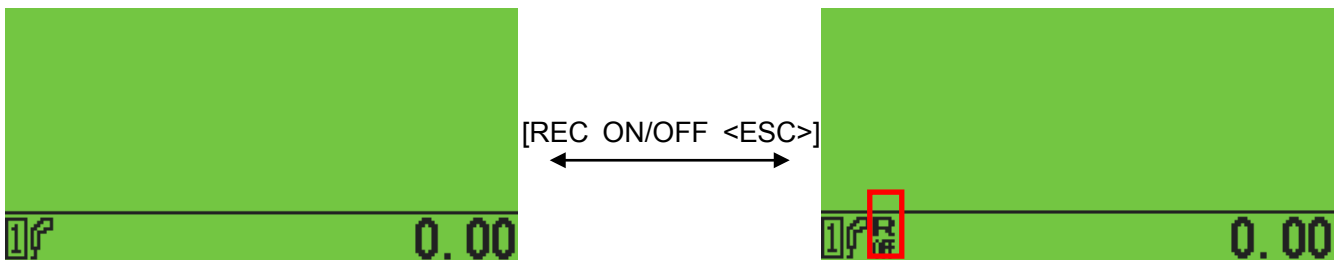
Note) When the EFT is paid, the Receipt Off setting is disabled. The receipt is issued.

4-30) FULL VOID OPERATION

The transaction is suspended by the all void operation. An all void operation is not possible after payment begins.

[DEPARTMENT or PLU ENTRY]

[DEPARTMENT or PLU ENTRY]

[subtotal]

[void]

Example :

(100) - [DEPT 1/17]

(200) - [DEPT 2/18]

[subtotal]

[void]
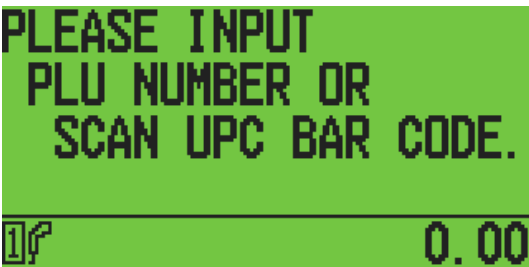
```
19:17        04-12-2006
MC NO. 1234         0066
CLERK01
DEPT 1           *1.00
DEPT 2           *2.00
-------------------------
SUBTOTAL         *3.00
////// FULL VOID ///////
```

4-31) PRICE INQUIRE

The programmed PLU status is displayed. You can select whether or not to register the item.

[clear   ]

[plu   ]

```
PLEASE INPUT
 PLU NUMBER OR
   SCAN UPC BAR CODE.

1         0.00
```

enter PLU # (   )-[plu   ]
                 or
    { Bar-code reader scan }

```
PLU#0000000000001
NAME          APPLE
PRICE          1.00
LINK DEPT       001
[ SALES ] [ CANCEL ]
```

[amt tend/total]
          or
[>   ] - [amt tend/total]

68

4-32) AGE CHECK

When the item is registered, warning of the age limitation can be displayed.
It is necessary to set the value at the OTHERS SET UP and DEPARTMENT SET UP.

At Others Set Up

```
FC SET UP
AGE 1 SET UP      18
AGE 2 SET UP      21
CURRENCY SYMBOL: $
? Press Enter to Pr?
```

Setting the value at 20 years old with AGE 1 in this example.

```
PLEASE INPUT
  AGE TO BE VERIFIED
  FOR DEPT. SALES
  LINKED TO AGE-1.
1                 20
```

At Department Set Up

```
NAME        DEPT#001
PRICE           1.00
TAX          NON TAX
MORE OPTIONS
?         To set ad?
```

Setting is AGE 1 in this example.

```
MODE        STANDARD
TYPE          NORMAL
HALO         NO HALO
AGE            AGE 1
? To select age che?
```

At Sales Registration
EX:
Dept1 -> AGE 1
AGE 1 -> 20
Today -> Apr. 11 2006

```
WARNING! :
    CHECK ID !
  DOB: 04-11-1986


[ O K ]  [ CANCEL ]
```

When you register the above item, a warning is displayed. You can decide whether to sell the item by pressing the right or left arrow. Then push the Amt tend/total key.

69

4-33) TRAINING MODE

Even if the transaction data is entered in the training mode, the report totalizer and counter would not add up nor would the Receipt number counter. The FINANCIAL REPORT and PROGRAMMING modes are not operative.

a) Key entry sequence to enter the training mode is:

(TRAINING MODE PASSWORD) - [subtotal/R issue]
6 digits

b) Key entry sequence to terminate the training mode is:

(TRAINING MODE PASSWORD) - [subtotal/R issue]
6 digits

LCD DISPLAY

Training mode symbol

Note : Receipts printed in the TRAINING MODE prints "****" instead of the consecutive number. The EFT function will not work in the training mode.

4-34) TABLE TRACKING OPERATIONS

4-34-1) First of tracking

```
           ( Table # ) [ <- / table ]
              1 - 20


   ITEM REGISTRATION [ DEPT ] or [ PLU ] ------ Receipt is started
                         |
                         |
                  [ <- / table ]
```

```
                    ***********************
                    *     YOUR RECEIPT     *
                    *       THANK YOU      *
                    *                      *
                    ***********************
      TIME -->      12:00      13-06-2005      --> DATE
MACHINE NUMBER -->  MC NO.1234      0010       --> CONSECUTIVE NUMBER
   CLERK NAME -->   CLERK01
 TABLE NUMBER -->   TABLE No.01
                    APPLE          $10.00T1
                    DEPT 02        $20.00T2
                    DEPT 03        $30.00T3
                    ------------------------   --> TOTAL AMOUNT
                    TOTAL          $60.00      --> NEW BALANCE AMOUNT
                    NEW-BAL     $60.00
```

4-34-2) SECOND OF TRACKING

(Table #) [<- / table]----------- Previous Balance will be displayed as ST
ITEM REGISTRATION [DEPT] or [PLU] ----- Receipt is started
              |
              |
   [<- / table]

```
                    ************************
                    *     YOUR RECEIPT     *
                    *      THANK YOU       *
                    *                      *
                    ************************
TIME -->            12:00       13-06-2005    --> DATE
MACHINE NUMBER -->  MC NO. 1234      0010      --> CONSECUTIVE NUMBER
CLERK NAME -->      CLERK01
TABLE NUMBER -->    TABLE No. 01
                    APPLE          $10.00T1  ⎫
                    DEPT 02        $20.00T2  ⎬  Previous entry items
                    DEPT 03        $30.00T3  ⎭
                    APPLE          $10.00T1  ⎫
                    DEPT 04        $40.00T4  ⎬  New entry items
                    DEPT 05        $50.00    ⎭
                    ------------------------
                    TOTAL       $160.00       --> TOTAL AMOUNT
                    NEW-BAL   $160.00         --> NEW BALANCE AMOUNT
```

72

4-34-3) PAYMENT OF TRACKING

(Table #) [<- / table]----------- Previous Balance will be displayed as ST
(ITEM REGISTRATION [DEPT] or [PLU] ----- Receipt is started)
                        |
                        |
    (Payment Amount) [TENDER]

```
                         ***********************
                         *     YOUR RECEIPT     *
                         *      THANK YOU        *
                         *                       *
                         ***********************
       TIME -->          12:00       13-06-2005      --> DATE
MACHINE NUMBER -->        MC NO. 1234       0010       --> CONSECUTIVE NUMBER
    CLERK NAME -->        CLERK01
  TABLE NUMBER -->        TABLE No. 01
                         APPLE          $10. 00T1  ⎫
                         DEPT 02        $20. 00T1  ⎪
                         DEPT 03        $30. 00T1  ⎬ Previous entry items
                         APPLE          $10. 00T1  ⎪
                         DEPT 04        $40. 00T1  ⎪
                         DEPT 05        $50. 00T1  ⎭
                         ------------------------
                         SUBTOTAL       $160. 00
                         TAX1             $6. 40
                         TOTAL-TAX        $6. 40
                         ------------------------
                         TOTAL         $166. 40    --> TOTAL AMOUNT
                         CASH          $166. 40    --> PAYMENT AMOUNT
```

5）EFT COMMUNICATION

5-1）CREDIT AUTHORIZATION

Item registration

[Credit 1/2]

< Card Slide >

The validation code is obtained because the communication is displayed.

The following are printed under the registration receipt:

Sale type and amount............................	SALE $9999.99
Account number and exp. date..............	XXXXXXXXXXXX9999 XX/XX
Approval code (if available)....................	APP: AAAAAAAAAA
Reference number (if available).............	REF: RRRRRRRRRRRRRRRRRRR
Record number (if available)..................	REC NO: XXXXX

Note) When the total is a positive value, "SALE" is printed,.

Copy of a draft:

Merchant name..	**** MERCHANT NAME ****
Merchant address - line 1........................	** MERCHANT ADDRESS 1 **
Merchant address - line 2........................	** MERCHANT ADDRESS 2 **
Merchant phone number..........................	** MERCHANT PHONE NO. **
Transaction date, time, batch seq. no.....	mm/dd/yy hh:mm SSSSS
Sale type and amount..............................	SALE $9999.99
Account number and exp. Date..............	XXXXXXXXXXXX9999 XX/XX
Approval code (if available).....................	APP: AAAAAAAAAA
Reference number (if available).............	REF: RRRRRRRRRRRRRRRRRR
Record number (if available)..................	REC NO: XXXXX
Cardholder acknowledgment.................	I AGREE TO PAY ABOVE TOTAL AMOUNT ACCORDING TO CARD ISSUER AGREEMENT
Line for cardholder signature.................	X_____

5-2） DEBIT AUTHORIZATION

* When the "Debit" key is selected in system option 1. Dept 14 is debit.

Item registration

[Debit]

< Card Slide >

To PIN pad: ["ENTER" PIN]

< The password of four digits is input to the PIN pad >

To PIN pad: [PROCESSING]

The validation code is obtained because the communication is displayed.

The following is printed under the registration receipt:

Sale type and amount............................ DEBIT SALE $9999.99
Account number XXXXXXXXXXXX9999
Approval code (if available)..................... APP: AAAAAAAAAA
Reference number (if available)............. REF: RRRRRRRRRRRRRRRRRR
Record number (if available)................... REC NO: XXXXX

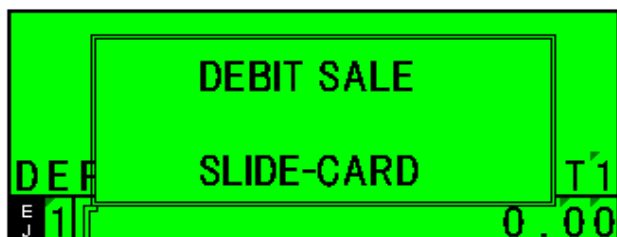Note) When the total is a positive value, sale type is printed, "DEBIT SALE".

Copy of a draft:

Merchant name.. **** MERCHANT   NAME ****
Merchant address - line 1......................... ** MERCHANT ADDRESS 1 **
Merchant address - line 2......................... ** MERCHANT ADDRESS 2 **
Merchant phone number........................... ** MERCHANT PHONE NO. **
Transaction date, time, batch seq. no..... mm/dd/yy   hh:mm   SSSSS
Sale type and amount............................... DEBIT SALE $99999.99
X's followed by last 4 digits of acct no..... xxxxxxxxxxxx9999
Approval code (if available)..................... APP: AAAAAAAAAA
Reference number (if available).............. REF: RRRRRRRRRRRRRRRRRR
Record number (if available).................... REC NO: XXXXX

5-3） CREDIT REFUND AUTHORIZATION

Refund item registration

[　Credit 1/2　]

CREDIT REFUND

SLIDE-CARD

< Card Slide >

APPROVED CODE

XXXXXX

The validation code isobtained because the communication is displayed.

The following are printed under the registration receipt:

Sale type and amount............................. REFUND $9999.99
Account number and exp. date.............. XXXXXXXXXXX9999   XX/XX
Approval code (if available).................. APP: AAAAAAAAAA
Reference number (if available)............. REF: RRRRRRRRRRRRRRRRRR
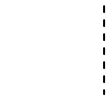Record number (if available)............. REC NO: XXXXX

Note) When the amount of money of total is a negative value, sale type is printed, "REFUND".

Copy of a draft:

```
Merchant name.......................................  **** MERCHANT   NAME ****
Merchant address - line 1.......................  ** MERCHANT ADDRESS 1 **
Merchant address - line 2.......................  ** MERCHANT ADDRESS 2 **
Merchant phone number.......................  ** MERCHANT PHONE NO. **
Transaction date, time, batch seq. no.....  mm/dd/yy   hh:mm   SSSSS
Sale type and amount............................  REFUND           $9999.99
Account number and exp. date..............  XXXXXXXXXXX9999   XX/XX
Approval code (if available)..................  APP: AAAAAAAAAA
Reference number (if available)............  REF: RRRRRRRRRRRRRRRRRR
Record number (if available).............  REC NO: XXXXX

Line for cardholder signature................  X_____
```
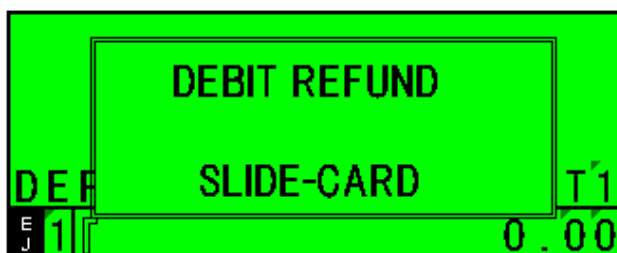
5-4) DEBIT RETURN AUTHORIZATION

* When the "Debit" key is selected in system option 1. Dept 14 is debit.

When MSR is effective or invalid:

Return item registration
⋮
[Debit]

< Card Slide >

To PIN pad: ["ENTER" PIN]

< The password of four digits is input to the PIN pad >

To PIN pad: [PROCESSING   ]

```
APPROVED CODE

DE  XXXXXX               )T1
EJ 1                    0.00
```

The validation code is obtained because the communication is displayed.

The following is printed under the registration receipt:

Sale type and amount.............................. DEBIT RETURN $9999.99
Account number and exp. date.............. XXXXXXXXXXX9999
Approval code (if available).................... APP: AAAAAAAAAA
Reference number (if available)............. REF: RRRRRRRRRRRRRRRRRR
Record number (if available).................. REC NO: XXXXX

Note) When the total is a negative value, sale type is printed, "DEBIT RETURN".

Copy of a draft:
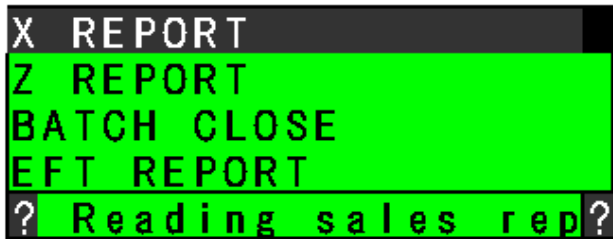
Merchant name.. **** MERCHANT NAME ****
Merchant address - line 1........................ ** MERCHANT ADDRESS 1 **
Merchant address - line 2........................ ** MERCHANT ADDRESS 2 **
Merchant phone number.......................... ** MERCHANT PHONE NO. **
Transaction date, time, batch seq. no..... mm/dd/yy   hh:mm   SSSSS
Sale type and amount............................. DEBIT RETURN $99999.99
X's followed by last 4 digits of acct no..... xxxxxxxxxxxx9999
Approval code (if available)..................... APP: AAAAAAAAAA
Reference number (if available)............. REF: RRRRRRRRRRRRRRRRRR
Record number (if available)................... REC NO: XXXXX

6） REPORTS

6-1） REPORTS MAIN MENU

Select REPORTS from MAIN MENU, press [**enter**].
The following LCD comes up. This is the REPORTS initial menu.

LCD

6-2） X REPORT

Press [**enter**] on X REPORT at the REPORTS initial menu.

LCD

6-2-1) CASH IN DRAWER REPORT

This option is only available for X REPORT.
You are able to know how much money left in your drawer.
Press [**enter**] on C-I-D REPORT at the X REPORT initial menu.

LCD

Press [enter]

```
11:25              04-07-2006
MC NO. 0000            0001          ──── CASH-IN-DRAWER  TOTAL
C ─ I ─ D          $92. 40
```

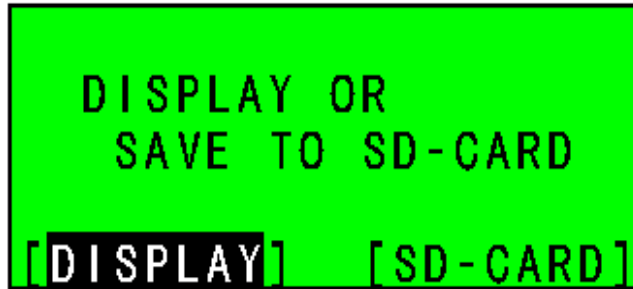Printing the total CASH in drawer on a report, it returns to the X REPORT initial menu.

6-2-2) DAILY REPORT

Select DAILY REPORT from the X REPORT initial menu using the [↓][↑] keys and press [**enter**].
ECR will ask you to display the daily report or save it to the SD-card.

LCD

DISPLAY OR
SAVE TO SD-CARD

[DISPLAY]   [SD-CARD]

When you select [SD-CARD] and press [**enter**], the daily report will be saved to the SD-card.
When you select [DISPLAY] and press [**enter**], the daily report will be shown on the display.

LCD

DEPT#001   1
              $100.23T1
DEPT#002   1
              $200.00T2
        [PRINT]

Press [**enter**] to print.

TIME -->	09:14	04-11-2006	--> DATE
MACHINE NUMBER -->	MC NO.0000	0019	--> CONSECUTIVE NUMBER
	X1	0003	--> X1 COUNTER
	DEPT 1	0016	--> QUANTITY
		$100.23T1	--> DEPARTMENT 1 SALES TOTAL (TAX 1)
	DEPT 2	0010	
		$200.00T2	--> DEPARTMENT 2 SALES TOTAL (TAX 2)
	DEPT 3	0011	
		$100.00TX	--> DEPARTMENT 3 SALES TOTAL
	DEPT 4	0010	(TAX 1 & TAX 2)
		$109.00	--> DEPARTMENT 4 SALES TOTAL (NON-TAXABLE)
	DEPT TOTAL	$509.23	--> ALL DEPARTMENT SALES TOTAL
	TAX1 10%	$8.22	
	TAX2 20%	$36.02	--> TAX AMOUNT TOTAL
	COUPON	$-0.50	--> COUPON cpn TOTAL
	ST-COUPON	$0.00	--> SUBTOTAL COUPON cpn TOTAL
	DISCOUNT	$0.00	--> -% TOTAL
	ST-DISCNT.	$-5.05	--> SUBTOTAL -% TOTAL
	ADD ON	$3.15	--> +% TOTAL
	ST-ADD ON	$3.40	--> SUBTOTAL +% TOTAL
	NET	$551.82	--> NET SALES TOTAL
	REFUND	$-12.00	--> RETURN TOTAL
	VOID/CORR	$-3.00	--> VOID TOTAL

```
GROSS          $509.23      --> GROSS SALES TOTAL
ADJUST         $X.XX        --> ADJUSTMENT TOTAL
CASH           0006         --> CASH SALES COUNTER
               $265.86      --> CASH SALES TOTAL
CHECK          0001         --> CHECK COUNTER
               $50.00       --> CHECK SALES TOTAL
CHARGE         0001         --> CHARGE COUNTER
               $44.14       --> CHARGE SALES TOTAL
CREDIT1        0001         --> CREDIT 1 COUNTER
               $0.03        --> CREDIT 1 SALES TOTAL
CREDIT2        0001         --> CREDIT 2 COUNTER
               $191.79      --> CREDIT 2 SALES TOTAL
DEBIT          0000         --> DEBIT COUNTER
               $XXX.XX      --> DEBIT SALES TOTAL
TL-RECD AC     0002         --> RECD ON ACCT COUNTER
               $5005.20     --> RECD ON ACCT TOTAL
T-PAID OUT     0002         --> PAID OUT COUNTER
               $663.00      --> PAID OUT TOTAL
TL-NS          0003         --> NO SALE COUNTER
C-I-D          $4608.06     --> CASH-IN-DRAWER TOTAL
FC             $50.87       --> FC TOTAL
NEW-BAL        0003         --> NEW BALANCE COUNTER
               $12.21       --> NEW BALANCE TOTAL
CLOSE-BAL      0001         --> CLOSE BALANCE COUNTER
               $2.22        --> CLOSE BALANCE TOTAL
OPEN TABLE     $9.99        --> OPEN TABLE TOTAL
GT             $1042.22*    --> GRAND TOTAL
----------------------------
OPEN TABLE                  --> Title of open table report
----------------------------
TABLE No.01                 --> Number of open table
CLERK01                     --> Clerk name of open table (only clerk system)
SUBTOTAL       $6.66        --> Total amount of each open table
----------------------------
TABLE No.20
CLERK02
SUBTOTAL       $3.33
----------------------------
TOTAL          $9.99        --> Total amount of all open table
```

Printing on a report, it returns to X REPORT initial menu.

Note1) You can stop issuing the report by pressing the paper feed key.
Note2) When the COUPON setting is set to "AFTER TAX" at the system option, the balance of department amount and TAX amount will not be calculated correctly.

6-2-3) PLU REPORT

Select PLU REPORT from the X REPORT at the initial menu using the [↓][↑] keys and press [**enter**].
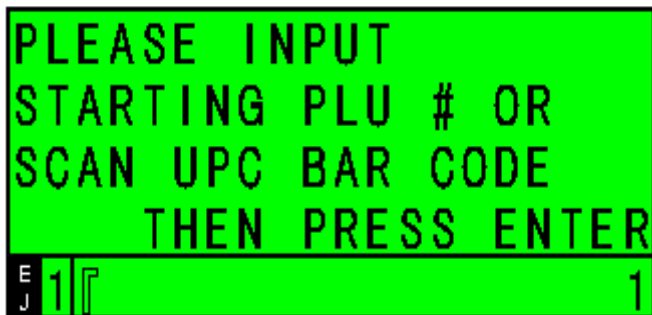
LCD

6-2-3-1) RANGE PLU REPORT

Select RANGE from the PLU REPORT at the initial menu using the [↓][↑] keys and press [**enter**].

LCD

Input STARTING PLU# with numeric keys or scan UPC bar code. Press [**enter**] to move to the next LCD shown below.

The [**enter**] key is unnecessary when the bar code is used.

LCD
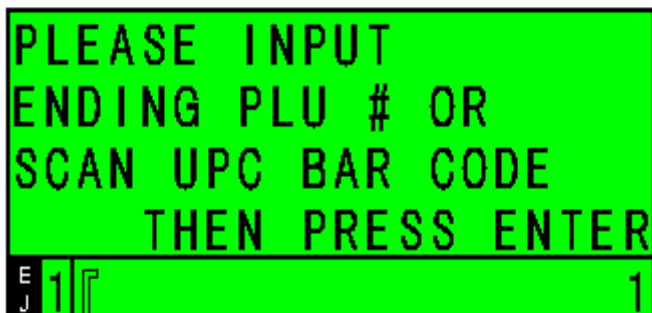
Input ENDING PLU# with the numeric keys or scan UPC bar code and press [**enter**]. The [enter] key is unnecessary when the bar code is used.

LCD

```
TOMATO              2
              $2.00T1
TL-PLU        $2.00


        [ PRINT ]
```

Press [**enter**] to print.

```
10:11       04-11-2006
MC NO.0000        0039
PLU  REPORT      X
TOMATO              2
              $2.00T1
TL-PLU        $2.00
```
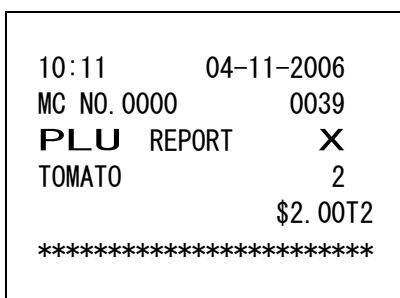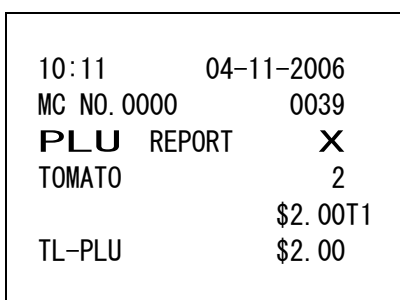
```
10:11       04-11-2006
MC NO.0000        0039
PLU  REPORT      X
TOMATO              2
              $2.00T2
************************
```
<-- DISCONTINUATION MESSAGE

Printing the PLU RANGE report, it returns to the PLU REPORT initial menu.

Note) You can stop issuing the report by pressing the paper feed key. In this case, the total of the range PLU sales will not be printed.

6-2-3-2) LINKED DEPARTMENT PLU REPORT

Select BY LINKED DEPARTMENT from the PLU REPORT initial menu using the [↓][↑] keys and then press [**enter**].

LCD

```
PLEASE INPUT
STARTING LINKED
DEPARTMENT# &
     THEN PRESS ENTER
E
J 1                    0
```

Input STARTING LINKED DEPARTMENT# with numeric keys and press [**enter**] to move to the next LCD shown below.

LCD

```
PLEASE INPUT
ENDING LINKED
DEPARTMENT# &
     THEN PRESS ENTER
E
J 1                    0
```

Input ENDING LINKED DEPARTMENT# with numeric keys and press [**enter**] to move to the next LCD shown below.

LCD

```
DEPT#001
TOMATO            1
              $1.00T1


       [ PRINT ]
```

Press [**enter**]

```
11:04        04-11-2006
MC NO. 0000        00049
PLU  REPORT        X
VEGETABLES
TOMATO                1
                  $1.00

SHOES
SNEAKER               1
                 $10.00
TL-PLU          $11.00
```

```
11:04        04-11-2006
MC NO. 0000        00049
PLU  REPORT        X
VEGETABLES
TOMATO                1
                  $1.00
************************
```
<-- DISCONTINUATION MESSAGE

Printing on the report, it returns to the PLU REPORT initial menu.
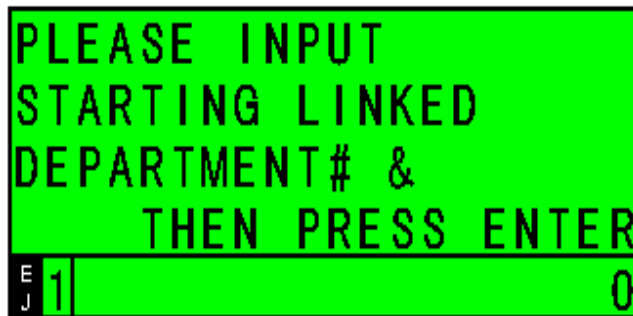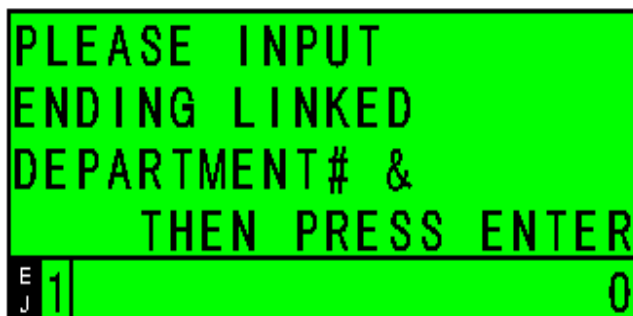
Note) You can stop issueing the report by pressing the paper feed key. In this case, the total of the range PLU sales will not be printed.

6-2-3-3) ALL PLU REPORT

To read the PLU Sales Totals:

Select ALL from the PLU REPORT initial menu using the [↓][↑] keys and press [enter].
ECR will ask you to display the ALL PLU report or save it to SD-card.

LCD

When you select [SD-CARD] and press [enter], the PLU report will be saved into SD-card.
When you select [DISPLAY] and press [enter], the PLU report will be shown on the display.

LCD

```
TOMATO              1
                $1.00T1
SNEAKER             1
               $10.00T4
         [ PRINT ]
```

Press [**enter**] to print.

```
13 : 53      04-11-2006
MC NO. 0000        0063
PLU   REPORT    X
TOMATO             1
                $1.00
SNEAKER            1
               $10.00
APPLE              1
                $1.00
LEMON              1
                $1.00
TL-PLU         $13.00
```

PLU CAPTION — TOMATO

SALES QUANTITY — 1

SALES TOTAL — $1.00

ALL PLU SALES TOTAL — TL-PLU $13.00

```
13 : 53      04-11-2006
MC NO. 0000        0064
PLU   REPORT    X
TOMATO             1
                $1.00
*************************
```

DISCONTINUATION MESSAGE — *************************

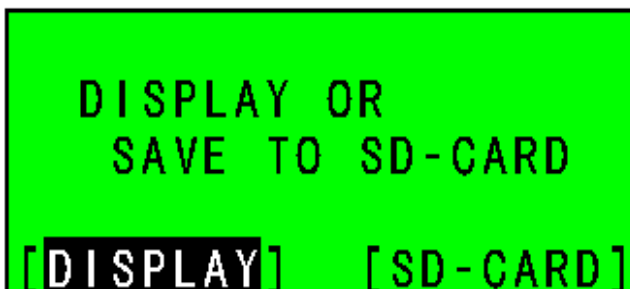Printing on the report, it returns to the PLU REPORT initial menu.

Note) You can stop issuing the report by pressing the paper feed key. In this case, the total of the range PLU sales will not be printed.

6-2-4) DEPARTMENT REPORT

Select DEPT REPORT from the X REPORT initial menu using the [↓][↑] keys and press [**enter**].
The following LCD is displayed for the DEPT REPORT.

LCD

6-2-4-1) RANGE DEPARTMENT REPORT

Select RANGE from the DEPT REPORT initial menu using the [↓][↑] keys and press [**enter**].

LCD
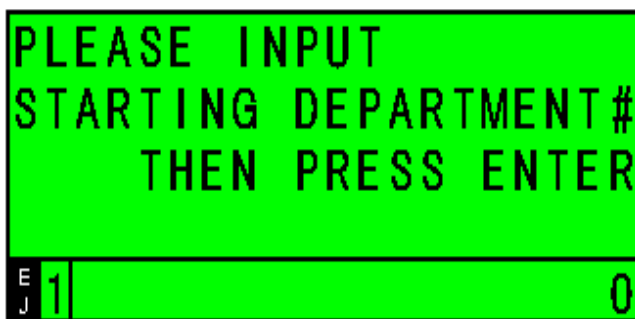
Input STARTING DEPARTMENT# with numeric keys and press [**enter**].

LCD
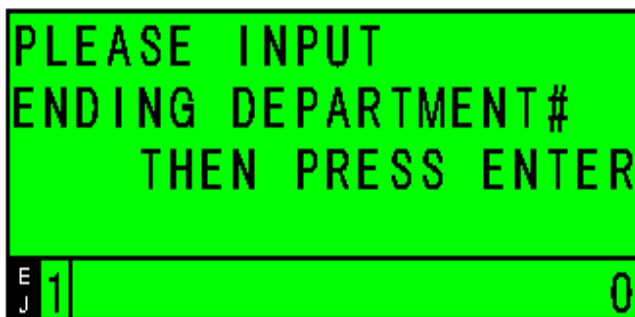
Input ENDING DEPARTMENT# with numeric keys and press [**enter**].

```
FISH              1
            $1.00
MEAT              1
            $5.00
    [ PRINT ]
```
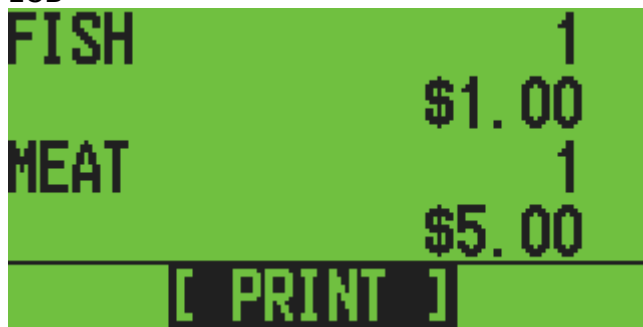
Press [**enter**]

TIME ———	14 : 08	04-11-2006 ——— DATE
MACHINE NUMBER —	MC NO:0000	0066 ——— CONSECUTIVE NUMBER
	FISH	1 ——— QUANTITY
		$1.00 ——— DEPARTMENT 3 SALES TOTAL (NON-TAXABLE)
	MEAT	1
		$5.00 ——— DEPARTMENT 4 SALES TOTAL (NON-TAXABLE)
	DEPT TOTAL	$6.00
	T O T A L	$6.00

Printing on the report, it returns to DEPT REPORT initial menu.

Note) You can stop issuing the report by pressing paper feed key. In this case, the total of the range DEPT TOTAL and TOTAL will not be printed.

6-2-4-2) ALL DEPARTMENT REPORT

Select ALL from the DEPT REPORT initial menu using the [↓][↑] keys and press [**enter**].

LCD

```
VEGETABLES        1
          $10.00T1
SHOES             1
           $2.00T4
    [ PRINT ]
```

90

Press [**enter**]

```
TIME ──────────┬─ 14:31        04-11-2006 ─────── DATE
MACHINE NUMBER ─┼─ MC NO:0000        0068 ─────── CONSECUTIVE NUMBER
                │  VEGETABLES           1 ─────────── QUANTITY
                │            $10.00T1 ─── DEPARTMENT 1 SALES TOTAL (TAX 1)
                │  SHOES                1
                │             $2.00T4 ─── DEPARTMENT 2 SALES TOTAL (TAX 4)
                │  FISH                 1
                │             $1.00 ───── DEPARTMENT 3 SALES TOTAL (NON-TAXABLE)
                │  MEAT                 1
                │             $5.00 ───── DEPARTMENT 4 SALES TOTAL (NON-TAXABLE)
                │  DEPT TOTAL      $18.00
                │  T O T A L       $18.00
```

Printing on the report, it returns to DEPT REPORT initial menu.

Note) You can stop issuing the report by pressing paper feed key. In this case, the total of the range DEPT TOTAL and TOTAL will not be printed.

6-2-5) CLERK REPORT

Select CLERK REPORT from the X REPORT initial menu using the [↓][↑] keys and press [**enter**]. The following LCD is the initial menu for CLERK REPORT.

LCD

6-2-5-1) INDIVIDUAL CLERK REPORT

Select INDIVIDUAL from the CLERK REPORT initial menu using the [↓][↑] keys and press [**enter**].

LCD

```
PLEASE INPUT
CLERK NUMBER
    THEN PRESS ENTER

E
J 1                        0
```
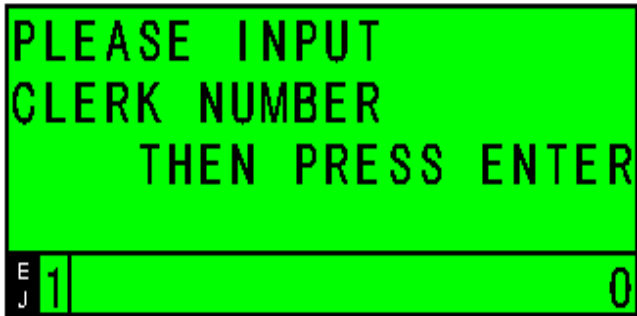
Input CLERK # with numeric keys and press [**enter**].

LCD

```
CLERK01
 0001          $3.10
TL-CLERK       $7.30

        [ PRINT ]
```

Press [**enter**]

```
        15:02      04-11-2006
        MC NO.0000      0088
        CLERK REPORT      X
CLERK NAME ——  TOM
         0001          $3.10 ——— SALES TOTAL
ACTIVITY ——  TL-CLERK   $7.30 ——— ALL CLERK SALES TOTAL
COUNTER
```

Printing on the report, it returns to CLERK REPORT initial menu.

Note 1) You can stop issuing the report by pressing paper feed key. In this case, the total of the range CLERK sales will not be printed.

Note 2) When the TAX SYSTEM is set to USA TAX or CANADIAN TAX, tax amount will not be included in the sales total.

6-2-5-2) ALL CLERK REPORT

To read the Clerk Report:

Select ALL from the CLERK REPORT initial menu using the [↓][↑] keys and press [**enter**].

LCD

Press [**enter**]

Printing on the report, it returns to CLERK REPORT initial menu.

Note 1)   You can stop issuing the report by pressing paper feed key. In this case, the total of the range CLERK sales will not be printed.

Note 2)   When the TAX SYSTEM is set to USA TAX or CANADIAN TAX, tax amount will not be included in the sales total.

6-2-6) HOURLY REPORT

To read the Hourly Report:

Select HOURLY REPORT from the X REPORT initial menu using the [↓][↑] keys and press [**enter**].

LCD

```
00:00
  0000        $0.00
01:00
  0000        $0.00
      [ PRINT ]
```

Press [ENTER]

```
    15:37       04-11-2006
    MC NO.0000        0086
    HOURLY REPORT      X
TIME ──── 00:00
     0100         $0.00 ──── SALES TOTAL (NET)
    01:00
     0001         $0.00
    02:00
     0001       $200.00
    03:00
ACTIVITY ──── 0012        $3.00
 COUNTER             |
                     |
                     |
    22:00
     0000         $0.00
    23:00
     0000         $0.00
```

Printing on the report, it returns to X REPORT initial menu.

94

6-2-7) PERIODIC REPORT

To read the Period-to-Date Financial Report:

Select PERIODIC REPORT from the X REPORT initial menu using the [↓][↑] keys and press
[**enter**]. The ECR will ask you to display the PERIODIC Financial report or save it to SD-card.
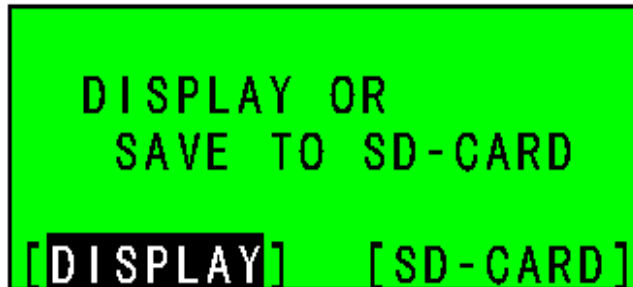
LCD

When you select [SD-CARD] and press [**enter**], the PERIODIC report will be saved onto SD-card.
When you select [DISPLAY] and press [**enter**], the PERIODIC report will be shown on the display.

LCD

Press [**enter**] to print.

Printing on the report, it returns to X REPORT initial menu.

Note) You can stop issuing the report by pressing the paper feed key.

TIME --> 09:20	04-11-2006	--> DATE
MACHINE NUMBER --> MC NO.0000	0001	--> CONSECUTIVE NUMBER
X2	0001	--> X2 COUNTER
DEPT 1	0016	--> QUANTITY
	$100.23T1	--> DEPARTMENT 1 SALES TOTAL (TAX 1)
|		
|		
DEPT TOTAL	$509.23	--> ALL DEPARTMENT SALES TOTAL
TAX1 10%	$8.22	--> TAX AMOUNT TOTAL
TAX2 20%	$36.02	
COUPON	$-0.50	--> COUPON cpn TOTAL
ST-COUPON	$0.00	--> SUBTOTAL COUPON cpn TOTAL
DISCOUNT	$0.00	--> -% TOTAL
ST-DISCNT.	$-5.05	--> SUBTOTAL -% TOTAL
ADD ON	$3.15	--> +% TOTAL
ST-ADD ON	$3.40	--> SUBTOTAL +% TOTAL
NET	$551.82	--> NET SALES TOTAL
REFUND	$-12.00	--> RETURN TOTAL
VOID/CORR	$-3.00	--> VOID TOTAL
GROSS	$509.23	--> GROSS SALES TOTAL
ADJUST	$X.XX	--> ADJUSTMENT TOTAL
CASH	0006	--> CASH SALES COUNTER
	$265.86	--> CASH SALES TOTAL
CHECK	0001	--> CHECK COUNTER
	$50.00	--> CHECK SALES TOTAL
CHARGE	0001	--> CHARGE COUNTER
	$44.14	--> CHARGE SALES TOTAL
CREDIT1	0001	--> CREDIT 1 COUNTER
	$0.03	--> CREDIT 1 SALES TOTAL
CREDIT2	0001	--> CREDIT 2 COUNTER
	$191.79	--> CREDIT 2 SALES TOTAL
DEBIT	0000	--> DEBIT COUNTER
	$XXX.XX	--> DEBIT SALES TOTAL
TL-RECD AC	0002	--> RECD ON ACCT COUNTER
	$5005.20	--> RECD ON ACCT TOTAL
T-PAID OUT	0002	--> PAID OUT COUNTER
	$663.00	--> PAID OUT TOTAL
TL-NS	0003	--> NO SALE COUNTER
C—I—D	$4608.06	--> CASH-IN-DRAWER TOTAL
FC	$50.87	--> FC TOTAL
NEW-BAL	0003	--> NEW BALANCE COUNTER
	$12.21	--> NEW BALANCE TOTAL
CLOSE-BAL	0001	--> CLOSE BALANCE COUNTER
	$2.22	--> CLOSE BALANCE TOTAL
OPEN TABLE	$9.99	--> OPEN TABLE TOTAL
GT	1042.22*	--> GRAND TOTAL

6-2-8) ELECTRIC JOURNAL REPORT

To read the Electronic Journal Report:

Select ELECTR.JOURNAL from the X REPORT initial menu using the [↓][↑] keys and press [**enter**].

LCD

```
BY DATE/TIME
ALL



? Press ENTER to se?
```

6-2-8-1） BY DATE/TIME

To read the Electronic Journal by date and time:

Select DATE/TIME from the ELECTR.JOURNAL initial menu using the [↓][↑] keys and press [**enter**].

LCD

```
PLEASE INPUT
STARTING DATE/TIME
   MM-DD-YYYY    hh:mm
   04-11-2006    00:00
EJ 1                      0
```

Input STARTING DATE/TIME with numeric keys and press [**enter**].

LCD

```
PLEASE INPUT
ENDING DATE/TIME
   MM-DD-YYYY    hh:mm
   04-11-2006    23:59
EJ 1                      0
```
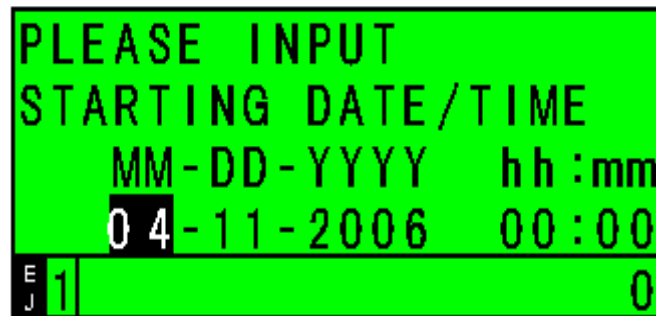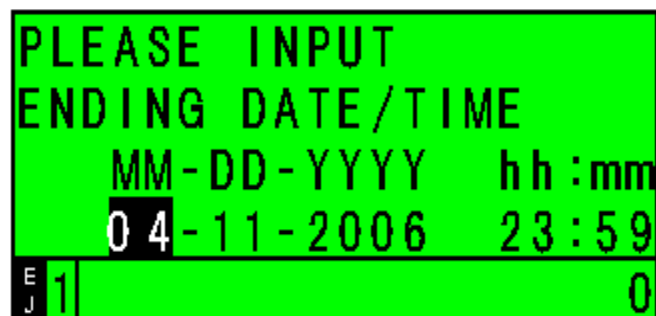
Input ENDING DATE/TIME with numeric keys and press [**enter**] to print it.

LCD

```
15:15
       04-11-2006
MC NO.0000
              0096
   [ PRINT ]
```

Press [**enter**]

```
13:30      04-11-2006
MC NO.0000        0005
ELECTRIC JOURNAL   X
13:10      04-11-2006
MC NO.0000        0001
DEPT#001         $1.00T1
DEPT#002         $2.00T1
DEPT#003         $3.00T1
DEPT#004         $4.00T1
DEPT#005         $5.00T1
――――――――――――――――――
SUBTOTAL         $15.00
TAX1              $1.50
TOTAL-TAX         $1.50
――――――――――――――――――
TOTAL            $16.50
CASH             $16.00

13:50      04-11-2006
MC NO.0000        0002
DEPT#007         $7.00T1
DEPT#008         $0.62T1
DEPT#010         $63.21
DEPT#002         $3.65T1
――――――――――――――――――
SUBTOTAL         $74.48
TAX1              $1.12
TOTAL-TAX         $1.12
――――――――――――――――――
TOTAL            $75.60
CHECK            $75.60

――――――――――――――――――
E.JOURNAL USED   00070L
E.JOURNAL FREE   03930L
```

LCD display stays at ELECTRIC JOURNAL REPORT initial menu. Note) You can stop issuing the report by pressing the paper feed key.

6-2-8-2）ALL

Select ALL from the ELECTR.JOURNAL initial menu using the [↓][↑] keys and press [**enter**].

LCD

```
15:15
        04-11-2006
MC NO.0000
                0096
     [ PRINT ]
```

Press [**enter**]

```
13:30        04-11-2006
MC NO.0000        0005
ELECTRIC JOURNAL    X
13:10        04-11-2006
MC NO.0000        0001
DEPT#001        $1.00T1
DEPT#002        $2.00T1
DEPT#003        $3.00T1
DEPT#004        $4.00T1
DEPT#005        $5.00T1
—————————————————
SUBTOTAL        $15.00
TAX1             $1.50
TOTAL-TAX        $1.50
—————————————————
TOTAL           $16.50
CASH            $16.50


13:50        04-11-2006
MC NO.0000        0002
DEPT#007        $7.00T1
DEPT#008        $0.62T1
DEPT#010       $63.21
DEPT#002        $3.65T1
—————————————————
SUBTOTAL        $74.48
TAX1             $1.12
TOTAL-TAX        $1.12
—————————————————
TOTAL           $75.60
CHECK           $75.60


15:50        04-11-2006
MC NO.0000        0003
DEPT#007        $8.54T1
DEPT#008        $6.54T1
DEPT#002        $2.34T1
—————————————————
SUBTOTAL        $17.42
TAX1             $1.74
TOTAL-TAX        $1.74
—————————————————
TOTAL           $19.16
CHARGE          $19.16
```

```
16:20        04-11-2006
MC NO.0000         0004
Z1                 0001
DEPT#001             1
                 $1.00T1
DEPT#002             3
                 $7.99T1
DEPT#003             1
                 $3.00T1
DEPT#004             1
                 $4.00T1
DEPT#005             1
                 $5.00T1
DEPT#007             2
                $15.54T1
DEPT#008             2
                 $7.16T1
DEPT#010             1
                 $63.21
DEPT TOTAL     $106.90
TAX1 10%         $4.36
NET            $111.26
GROSS          $106.90
CASH               0001
                 $16.50
CHECK              0001
                 $75.60
CHARGE             0001
                 $19.16
C-I-D            $16.50
GT             $111.26*

_____

E.JOURNAL USED   00070L
E.JOURNAL FREE   03930L
```

Printing on the report, it returns to ELECTRIC JOURNAL REPORT initial menu.

Note) You can stop issuing the report by pressing the paper feed key.

6-3） Z REPORT

Select Z REPORT from the REPORTS initial menu using the [↓][↑] keys and press [**enter**].

LCD

This is the Z REPORT initial menu.

6-3-1) DAILY REPORT

To read Daily Report and reset the total to zero:

Press [**enter**] on DAILY REPORT at Z REPORT initial menu. ECR will ask you to print the Daily report or save it to the SD-card.
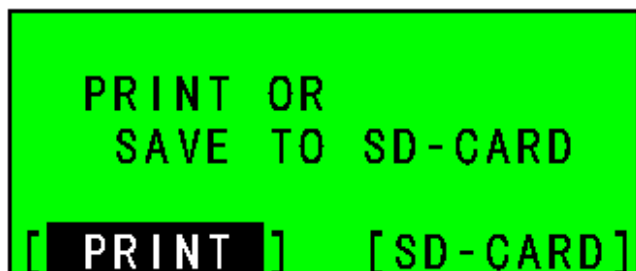
LCD

When you select [SD-CARD] and press [**enter**], the Daily report will be saved onto SD-card.

When you select [PRINT] and press [**enter**], the Daily report will be printed.

Note 1) You can stop issuing the report by pressing paper feed key.

Note 2) When the COUPON setting is set to "AFTER TAX" at the system option, the balance of department amount and TAX amount will not be calculated correctly.

```
TIME -->    09:14      04-11-2006   --> DATE
MACHINE NUMBER -->  MC NO.0000        0019   --> CONSECUTIVE NUMBER
            Z1             0003   --> Z1 COUNTER
            DEPT 1         0016   --> QUANTITY
                        $100.23T1   --> DEPARTMENT 1 SALES TOTAL (TAX 1)
            DEPT 2         0010
                        $200.00T2   --> DEPARTMENT 2 SALES TOTAL (TAX 2)
            DEPT 3         0011
                        $100.00TX   --> DEPARTMENT 3 SALES TOTAL
            DEPT 4         0010          (TAX 1 & TAX 2)
                        $109.00   --> DEPARTMENT 4 SALES TOTAL (NON-TAXABLE)
            DEPT TOTAL   $509.23   --> ALL DEPARTMENT SALES TOTAL
            TAX1 10%       $8.22   --> TAX AMOUNT TOTAL
            TAX2 20%      $36.02
            COUPON       $-0.50   --> COUPON cpn TOTAL
            ST-COUPON     $0.00   --> SUBTOTAL COUPON cpn TOTAL
            DISCOUNT      $0.00   --> -% TOTAL
            ST-DISCNT.   $-5.05   --> SUBTOTAL -% TOTAL
            ADD ON        $3.15   --> +% TOTAL
            ST-ADD ON     $3.40   --> SUBTOTAL +% TOTAL
            NET         $551.82   --> NET SALES TOTAL
            REFUND      $-12.00   --> RETURN TOTAL
            VOID/CORR    $-3.00   --> VOID TOTAL
            GROSS       $509.23   --> GROSS SALES TOTAL
            ADJUST       $X.XX   --> ADJUSTMENT TOTAL
            CASH          0006   --> CASH SALES COUNTER
                        $265.86   --> CASH SALES TOTAL
            CHECK         0001   --> CHECK COUNTER
                        $50.00   --> CHECK SALES TOTAL
            CHARGE        0001   --> CHARGE COUNTER
                        $44.14   --> CHARGE SALES TOTAL
            CREDIT1       0001   --> CREDIT 1 COUNTER
                         $0.03   --> CREDIT 1 SALES TOTAL
            CREDIT2       0001   --> CREDIT 2 COUNTER
                        $191.79   --> CREDIT 2 SALES TOTAL
            DEBIT         0000   --> DEBIT COUNTER
                        $XXX.XX   --> DEBIT SALES TOTAL
            TL-RECD AC    0002   --> RECD ON ACCT COUNTER
                       $5005.20   --> RECD ON ACCT TOTAL
            T-PAID OUT    0002   --> PAID OUT COUNTER
                        $663.00   --> PAID OUT TOTAL
            TL-NS         0003   --> NO SALE COUNTER
            C-I-D      $4608.06   --> CASH-IN-DRAWER TOTAL
            FC           $50.87   --> FC TOTAL
            NEW-BAL       0003   --> NEW BALANCE COUNTER
                        $12.21   --> NEW BALANCE TOTAL
            CLOSE-BAL     0001   --> CLOSE BALANCE COUNTER
                         $2.22   --> CLOSE BALANCE TOTAL
            OPEN TABLE    $9.99   --> OPEN TABLE TOTAL
            GT         $1042.22*   --> GRAND TOTAL

            -------------------------
            OPEN TABLE           --> Title of open table report
```

103

```
------------------------------
TABLE No. 01                      --> Number of open table
CLERK01                           --> Clerk name of open table (only clerk system)
SUBTOTAL          $6. 66          --> Total amount of each open table
------------------------------
TABLE No. 20
CLERK02
SUBTOTAL          $3. 33
------------------------------
TOTAL             $9. 99          --> Total amount of all open table
```

LCD display stays at Z REPORT initial menu.

6-3-2) DUPLICATE Z REPORT

The same report as the Daily Report is published again.

The [subtotal] key is pressed for daily report immediately after issuing.
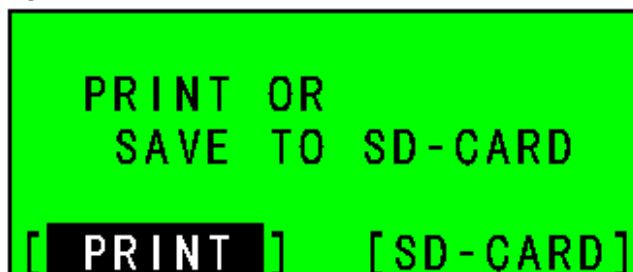The contents of printing become completely the same as daily report.

Note) You can stop issuing the report by pressing the paper feed key.

6-3-3) PLU REPORT

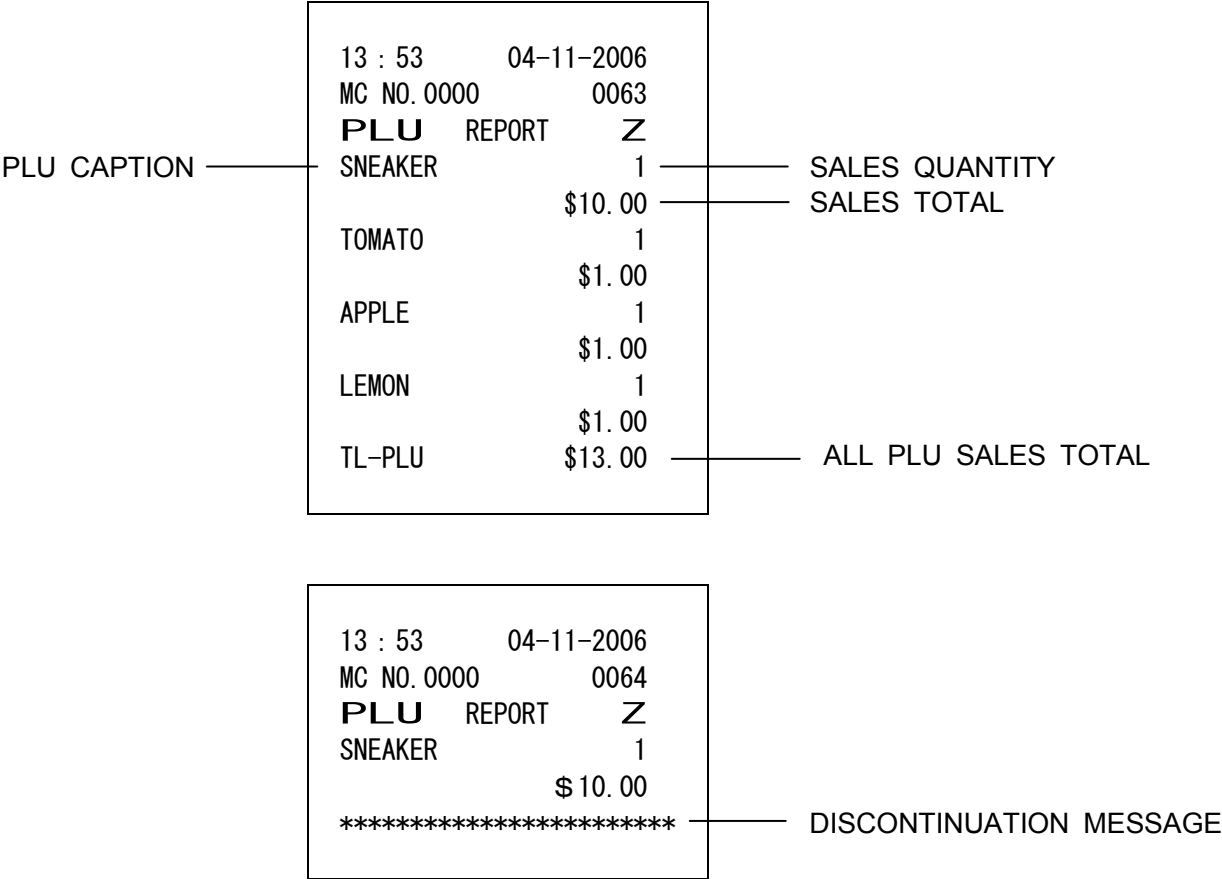**To read the PLU Sales Totals and reset the PLU total to zero:**

Select PLU REPORT at Z REPORT initial menu using the [↓][↑] keys. The ECR will ask you
to print the PLU report or save it to the SD-card.

LCD

When you select [SD-CARD] and press [enter], the PLU report will be saved onto the SD-card.

When you select [PRINT] and press [**enter**], the PLU report will be printed.

```
13 : 53        04-11-2006
MC NO. 0000         0063
PLU   REPORT     Z
SNEAKER             1                    SALES QUANTITY
                $10. 00                  SALES TOTAL
TOMATO              1
                 $1. 00
APPLE               1
                 $1. 00
LEMON               1
                 $1. 00
TL-PLU          $13. 00                   ALL PLU SALES TOTAL
```

PLU CAPTION ——— SNEAKER (line)

```
13 : 53        04-11-2006
MC NO. 0000         0064
PLU   REPORT     Z
SNEAKER             1
                $ 10. 00
*************************                DISCONTINUATION MESSAGE
```

LCD display stays at Z REPORT initial menu.

Note) You can stop issuing the report by pressing the paper feed key. In this case, the total of the range PLU sales will not be printed.

6-3-4) CLERK REPORT

To read the Clerk Report and reset the total to zero:

Select CLERK REPORT at Z REPORT initial menu using the [↓][↑] keys. Press [**enter**] to print.

```
        15:41        04-11-2006
        MC NO.0000          0001
        CLERK REPORT         Z
CLERK NAME ——— TOM
          0012          $100.00 ——— SALES TOTAL
ACTIVITY ——— EMI
COUNTER    0002          $200.00
        CLERK 3
          0001           $10.00
                  |
                  |
                  |
        CLERK 39
        0001            $34.00
        CLERK 40
        0001            $35.00
        TL-CLERK       $897.00 ——— ALL CLERK SALES TOTAL
```

LCD display stays at Z REPORT initial menu.

Note 1)   You can stop issuing the report by pressing the paper feed key. In this case, the total of the range CLERK sales will not be printed.

Note 2)   When the TAX SYSTEM is set to USA TAX or CANADIAN TAX, tax amount will not be included in the sales total. There is no parameter that programs this setting.

6-3-5) HOURLY REPORT

To read the Hourly Report and reset the total to zero:

Select HOURLY REPORT at Z REPORT initial menu using the [↓][↑] keys. Press [**enter**]
to print.

```
        15:37         04-11-2006
        MC NO.0000          0086
        HOURLY REPORT        Z
TIME ───── 00:00
           0100            $0.00 ───── SALES TOTAL(NET)
        01:00
           0001            $0.00
        02:00
           0001          $200.00
        03:00
ACTIVITY ───── 0012         $3.00
COUNTER                    |
                           |
                           |
        22:00
           0000            $0.00
        23:00
           0000            $0.00
```
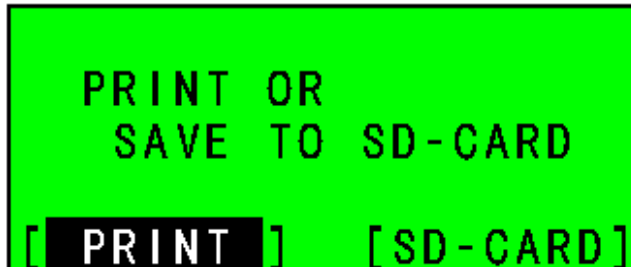
LCD display stays at Z REPORT initial menu.

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6-3-6) PERIODIC REPORT

To read Period-to Date Financial Report and reset the total to zero:

Select the PERIODIC REPORT at Z REPORT initial menu using the [↓][↑] keys. The ECR will ask you to print the Periodic report or save it to the SD-card.

LCD

When you select [SD-CARD] and press [**enter**], the Periodic report will be saved onto SD-card.

When you select [PRINT] and press [**enter**], the Periodic report will be printed.

LCD display stays at Z REPORT initial menu.

Note) You can stop issuing the report by pressing the paper feed key.

|		
TIME -->	09:20 04-11-2006	--> DATE
MACHINE NUMBER -->	MC NO.0000 0001	--> CONSECUTIVE NUMBER
	Z2 0001	--> Z2 COUNTER
	DEPT 1 0016	--> QUANTITY
	$100.23T1	--> DEPARTMENT 1 SALES TOTAL (TAX 1)
		|
		|
	DEPT TOTAL $509.23	--> ALL DEPARTMENT SALES TOTAL
	TAX1 10% $8.22	--> TAX AMOUNT TOTAL
	TAX2 20% $36.02	
	COUPON $-0.50	--> COUPON cpn TOTAL
	ST-COUPON $0.00	--> SUBTOTAL COUPON cpn TOTAL
	DISCOUNT $0.00	--> -% TOTAL
	ST-DISCNT. $-5.05	--> SUBTOTAL -% TOTAL
	ADD ON $3.15	--> +% TOTAL
	ST-ADD ON $3.40	--> SUBTOTAL +% TOTAL
	NET $551.82	--> NET SALES TOTAL
	REFUND $-12.00	--> RETURN TOTAL
	VOID/CORR $-3.00	--> VOID TOTAL
	GROSS $509.23	--> GROSS SALES TOTAL
	ADJUST $X.XX	--> ADJUSTMENT TOTAL
	CASH 0006	--> CASH SALES COUNTER
	$265.86	--> CASH SALES TOTAL
	CHECK 0001	--> CHECK COUNTER
	$50.00	--> CHECK SALES TOTAL
	CHARGE 0001	--> CHARGE COUNTER
	$44.14	--> CHARGE SALES TOTAL
	CREDIT1 0001	--> CREDIT 1 COUNTER
	$0.03	--> CREDIT 1 SALES TOTAL
	CREDIT2 0001	--> CREDIT 2 COUNTER
	$191.79	--> CREDIT 2 SALES TOTAL
	DEBIT 0000	--> DEBIT COUNTER
	$XXX.XX	--> DEBIT SALES TOTAL
	TL-RECD AC 0002	--> RECD ON ACCT COUNTER
	$5005.20	--> RECD ON ACCT TOTAL
	T-PAID OUT 0002	--> PAID OUT COUNTER
	$663.00	--> PAID OUT TOTAL
	TL-NS 0003	--> NO SALE COUNTER
	C—I—D $4608.06	--> CASH-IN-DRAWER TOTAL
	FC $50.87	--> FC TOTAL
	NEW-BAL 0003	--> NEW BALANCE COUNTER
	$12.21	--> NEW BALANCE TOTAL
	CLOSE-BAL 0001	--> CLOSE BALANCE COUNTER
	$2.22	--> CLOSE BALANCE TOTAL
	OPEN TABLE $9.99	--> OPEN TABLE TOTAL
	GT $1042.22*	--> GRAND TOTAL

6-3-7) ELECTRONIC JOURNAL REPORT

To read the Electronic Journal Report and reset the total to zero:

Select ELECTR.JOURNAL at Z REPORT initial menu using the [↓][↑] keys. The ECR will
ask you to print the EJ report or save it to the SD-card.

LCD

```
PRINT OR
  SAVE TO SD-CARD

[ PRINT ]   [SD-CARD]
```
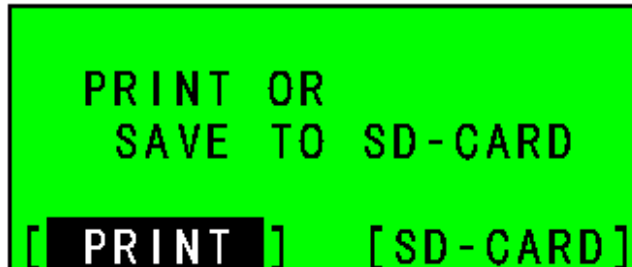
When you select [SD-CARD] and press [**enter**], the EJ report will be saved onto SD-card.

When you select [PRINT] and press [**enter**], the EJ report will print.

```
13:30          04-11-2006
MC NO.0000          0005
ELECTRIC JOURNAL    Z
13:10          04-11-2006
MC NO.0000          0001
DEPT#001          $1.00T1
DEPT#002          $2.00T1
DEPT#003          $3.00T1
DEPT#004          $4.00T1
DEPT#005          $5.00T1
————————————————————
SUBTOTAL          $15.00
TAX1               $1.50
TOTAL-TAX          $1.50
————————————————————
TOTAL             $16.50
CASH              $16.50


13:50          04-11-2006
MC NO.0000          0002
DEPT#007          $7.00T1
DEPT#008          $0.62T1
DEPT#010          $63.21
DEPT#002          $3.65T1
————————————————————
SUBTOTAL          $74.48
TAX1               $1.12
TOTAL-TAX          $1.12
————————————————————
TOTAL             $75.60
CHECK             $75.60


15:50          04-11-2006
MC NO.0000          0003
DEPT#007          $8.54T1
DEPT#008          $6.54T1
DEPT#002          $2.34T1
————————————————————
SUBTOTAL          $17.42
TAX1               $1.74
TOTAL-TAX          $1.74
————————————————————
TOTAL             $19.16
CHARGE            $19.16
```

```
16:20        04-11-2006
MC NO.0000        0004
Z1               0001
DEPT#001            1
                $1.00T1
DEPT#002            3
                $7.99T1
DEPT#003            1
                $3.00T1
DEPT#004            1
                $4.00T1
DEPT#005            1
                $5.00T1
DEPT#007            2
               $15.54T1
DEPT#008            2
                $7.16T1
DEPT#010            1
                $63.21
DEPT TOTAL     $106.90
TAX1 10%         $4.36
NET            $111.26
GROSS          $106.90
CASH             0001
                $16.50
CHECK            0001
                $75.60
CHARGE           0001
                $19.16
C—I—D           $16.50
GT             $111.26*

————————————————
E.JOURNAL USED   00070L
E.JOURNAL FREE   03930L
```
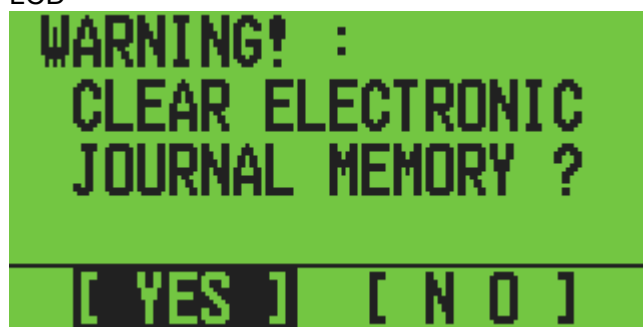
It is printed and the following screens are displayed.

LCD

Select YES or NO using the [→][←] keys. If you select [YES], press [**enter**] to print it on the report.

```
16:20            04-11-2006
MC NO.0000            0006
E.JOURNAL CLEAR        Z
E.JOURNAL USED     00000L
E.JOURNAL FREE     05000L
```
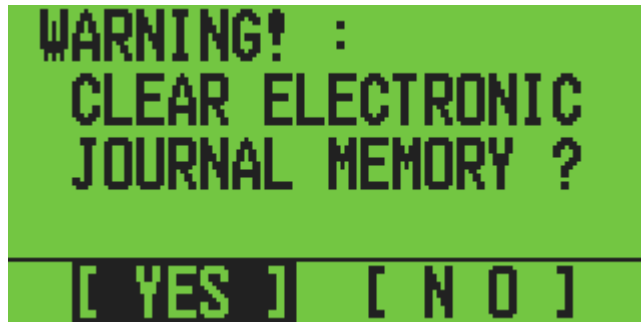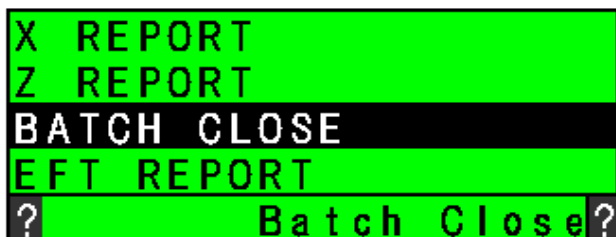
LCD display returns to the Z REPORT initial menu.
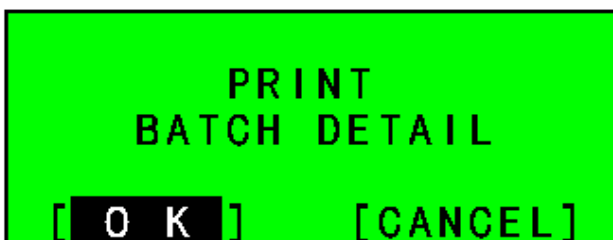
Note) You can stop issuing the report by pressing the paper feed key.

6-3-8) ELECTRIC JOURNAL CLEAR

Electronic journal memory will be cleared without printing.

Select EJ CLEAR at Z REPORT initial menu using the [↓][↑] keys. Press [**enter**] to show the following display:

LCD

Select YES or NO using the [→][←] keys. If you select [YES], press [enter] to print it on the report.

```
16:20              04-11-2006
MC NO.0000              0006
E.JOURNAL CLEAR           Z
E.JOURNAL USED        00000L
E.JOURNAL FREE        05000L
```

LCD display returns to the Z REPORT initial menu.

6-4）BATCH CLOSE

Select REPORTS from the MAIN MENU, then press [enter]. The following LCD appears. This is the REPORTS initial menu. Select BATCH CLOSE from the REPORT initial menu using the [↓][↑] keys and press [**enter**].

LCD

```
X  REPORT
Z  REPORT
BATCH CLOSE
EFT REPORT
?            Batch Close?
```

Press [**enter**]

Printing ①.

```
        PRINT
     BATCH DETAIL

  [ O K ]    [CANCEL]
```

Select OK or CANCEL using the [→][←] keys. If you select [OK], press [enter] to print it on the report.

```
===BATCH CLOSE REPORT===
RESULT : UNSUCCESS
200 C 411 1.1. 1 1.10 1
411 * * *
=====================


------------------------
  Local Totals Report
------------------------
AMEX 0.00 0
VISA 1.10 1
M/C  0.00 0
DCVR 0.00 0
PRVR 0.00 0
DINR 0.00 0
JCB  0.00 0
DEBT 0.00 0
TOTL 1.10 1
------------------------

Trans. Seq. Number:1
Trans. status:A
Trans. Code:4
Credit account number
Xxxxxxxxxxxxx8291
Expiration date:1210
Card read flag:1
Approval code:TAS870
RefNo:  002107501333
Trans. Amount:1.10
Operator ID:1
Gratuity amount:*
```
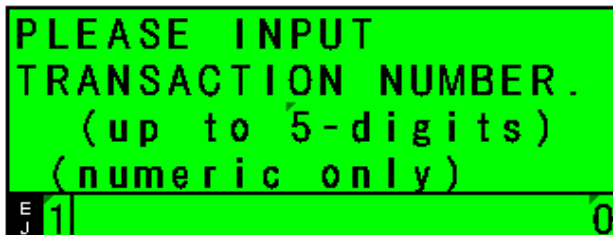①

The LCD display returns to the REPORT initial menu after printing the BATCH CLOSE REPORT, EFT TOTAL REPORT and EFT ALL REPORT.

6-5）EFT REPORT

Press [**enter**] on EFT REPORT at the REPORTS initial menu.

LCD

```
EFT TOTAL REPORT    ▲
EFT ALL REPORT
EFT SINGLE REPORT   ▼

? Press ENTER to pr?
```
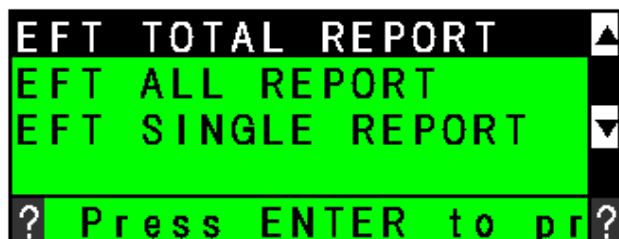
6-5-1) EFT TOTAL REPORT

Select EFT TOTAL REPORT at EFT REPORT initial menu the [↓][↑] keys. Press [**enter**] to print.

```
————————————————————————
  Local Totals Report
————————————————————————
AMEX 0.00 0
VISA 1.10 1
M/C  0.00 0
DCVR 0.00 0
PRVR 0.00 0
DINR 0.00 0
JCB  0.00 0
DEBT 0.00 0
TOTL 1.10 1

————————————————————————
```

6-5-2) EFT ALL REPORT

Select EFT ALL REPORT at EFT REPORT initial menu using the [↓][↑] keys. Press [**enter**] to print.

```
Trans. Seq. Number:1
Trans. status:A
Trans. Code:4
Credit account number
Xxxxxxxxxxxx8291
Expiration date:1210
Card read flag:1
Approval code:TAS870
RefNo:  002107501333
Trans. Amount:1.10
Operator ID:1
Gratuity amount:*
_____
```

6-5-3) EFT SINGLE REPORT

Select EFT SINGLE REPORT at EFT REPORT initial menu using the [↓][↑] keys.

LCD

Input TRANSACTION # with numeric keys and press [**enter**].

```
––––––––––––––––––––––––
    Local Transaction
         Inquiry
––––––––––––––––––––––––
Trans. Seq. Number:1
Trans. status:A
Trans. Code:4
Credit account number
Xxxxxxxxxxxxx8291
Expiration date:1210
Card read flag:1
Approval code:TAS870
RefNo:  002107501333
Trans. Amount:1.10
Operator ID:1
Gratuity amount:*
––––––––––––––––––––––––
```

LCD display returns to the EFT REPORT initial menu.

When you specify the range without data.

```
––––––––––––––––––––––––
    Local Transaction
         Inquiry
––––––––––––––––––––––––
RECORD NOT FOUND
––––––––––––––––––––––––
```

LCD display returns to the EFT REPORT initial menu.

7) BALANCING FORMULAS

Balancing formulas will renew after next revision.

SYSTEM BALANCE

```
        (+) DEPARTMENT 1
        (+) DEPARTMENT 2
                |
                |
        (+) DEPARTMENT 199
        (+) DEPARTMENT 200
        ─────────────────
        (=) DEPARTMENT TOTAL
```

% IN DEPT : YES

```
        (+) DEPARTMENT TOTAL
        ─────────────────
        (=) GROSS SALES
```

% IN DEPT : NO

```
        (+) DEPARTMENT TOTAL
        (+) ITEM +/- TOTAL
        (+) ITEM %1 TOTAL
        (+) ITEM %2 TOTAL
        ─────────────────
        (=) GROSS SALES
```

```
        (+) GROSS SALES
        (+) SALES +/- TOTAL
        (+) SALES %1 TOTAL
        (+) SALES %2 TOTAL
        (+) ADJUST
        (+) TAX AMOUNT
        ─────────────────
        (=) NET SALES
```

```
        (+) NET SALES
        (+) PREVIOUS GRAND TOTAL
        ─────────────────
        (=) ENDING GRAND TOTAL
```

MEDIA BALANCE

```
        (+) NET SALES
        (-) CHECK
        (-) CHARGE
        (-) CREDIT 1
        (-) CREDIT 2
        (-) DEBIT
        (+) RECEIVED ON ACCOUNT
        (-) PAID OUT
        (-) PAYMENT OUT
        ─────────────────
        (=) CASH IN DRAWER
```

WARNING

FEDERAL COMMUNICATIONS COMMISSION (FCC) RADIO FREQUENCY INTERFERENCE STATEMENT INFORMATION TO THE USER

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

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on. Uses are encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. If applicable, connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio / TV technician for assistance.

Connection of peripherals to this unit requires the use of grounded, shielded cables to ensure compliance with the Class B FCC.

BATTERY SAFETY & MAINTAINING THE CASH REGISTER

FEDERAL COMMUNICATIONS COMMISSION (FCC) RADIO FREQUENCY INTERFERENCE STATEMENT INFORMATION TO THE USER (continued)

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatuses set forth in the Radio Interference Regulations of the Canadian Department of Communications.

Le present appareil numerique n'emet pas de bruits radioelectriques depassant les limites applicables aux appareils numeriques de la Class B prescrites dans le Reglement sur le brouillage radioelectrique edicte par le ministere de Communications du Canada.

PROPOSITION 65 NOTICE:

The following is given in accordance with California Proposition 65:

WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm. *Wash hands after handling*.

BATTERY WARNING

CAUTION: RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.

- Replace only with the same type of batteries recommended by the manufacturer.
- DO NOT mix old and new batteries.
- DO NOT mix alkaline, standard (carbon-zinc) or rechargeable (ni-cd, ni-mh, etc.) batteries.

- When replacing batteries pay attention to the polarity (the positive + and negative – ends of the battery); be sure to install the batteries in the correction position and proper direction.

- Properly dispose of used batteries according to the battery manufacturer's instructions or according to your local environmental regulations and disposal guidelines.

- Never dispose of any batteries in fire! The batteries may leak or explode.

This equipment is not suitable for use in locations where children are likely to be present.
MAINTAINING THE CASH REGISTER

- Never cover the cash register when turned on. Doing so will prevent proper cooling of the electronic components.
- Cover the register when not in use to protect components from dust. The cash register should be turned "OFF" when covered and not in use.
- Take care to keep all liquids away from the machine to avoid spills, which could damage electronic components.
- To clean, use a soft, dry cloth. Do not apply organic solutions such as alcohol.
- Your cash register should be kept in areas free from dust, dampness or extreme hot or cold temperatures.
- If stored in extreme temperatures (below 32 degrees or above 104 degrees Fahrenheit), allow the temperature inside the register to reach room temperature before turning on.
- DO NOT attempt to pull the paper tape when printing or installing paper. Always use the **[Feed]** Key to advance the paper. Pulling the tape could damage the print mechanism.
- If electronic service is necessary, an authorized service center is recommended. For a list of the Authorized Service Centers within your local area, please call 1-888-261-3888.
- Familiarize yourself with the safety statements on Page 2.

Specifications

Features	Description
Type	Electronic Cash register
Display	TEN line alphanumeric LCD Clerk display
	One line alphanumeric LED customer display
Printer	57mm alphanumeric thermal printer
Ink Source	Thermal printer –no ribbon or ink needed
Paper Supply	2¼ inch or 57.5 mm wide standard thermal paper
Memory Battery Protection	Roughly 28days after power interruption
Technology	CMOS RAM. SD Card Reader
Electrical Characteristics	115V~ 60Hz, 0.33A
Operating Temperature	0-40 Degrees Centigrade (32-104 Degrees Fahrenheit)
Dimensions	13.38"W x 15.55"D x 14.57"H
Weight	14.55-lbs. (6.6-kg)

Manufacturer's Limited Warranty

ROYAL ELECTRONIC CASH REGISTER AND TIME CLOCK LIMITED WARRANTY

Royal Consumer Information Products, Inc. ("Royal") at 1160 U.S. Highway 22 East, Suite 301, Bridgewater, NJ 08807 USA warrants that your N E W Royal Electronic Cash Register or Time Clock ("Product") is free of defects of workmanship and materials. If there is a defect or malfunction of this Product, Royal will repair the Product free of charge as follows:

P A R T S: New or comparable rebuilt parts in exchange for defective parts for O N E Y E A R from the date of purchase.

L A B O R : All labor charges incurred from a Royal Authorized Service Center are covered for 90 D A Y S from the date of purchase. After 90 days, there will be a labor charge for repair of the Product and/or assemblies such as the keyboard, display(s), logic board, power supply and printer(s) at the Royal Authorized Service Center's then prevailing rates. The Product must be brought to a Royal Authorized Service C enter nearest to your location or shipped postage prepaid, insured and via a traceable shipping method. Royal will pay return postage from the Authorized Service Center during the labor warranty period only.

This warranty does not apply to persons who purchased this Product second hand or used.

This warranty does not include the replacement of ink rolls, ribbons, time cards, paper rolls or any other consumable or supplies used in the cash register or time clock and consumed through the normal use of the Product.

This warranty does not include cleaning, adjustments, parts, or repairs required by circumstances beyond the control of Royal, including, but not limited to, fire or other casualty, accident, neglect, abuse, abnormal use, misuse or battery leakage damages. T H E R E A R E N O O T H E R E X P R E S S E D W A R R A N T I E S E X C E PT A S S T A T E D H E R E I N . A F T E R T H E P E R I O D O F E X P R E S S E D W A R R A N T Y S E T F O R T H H E R E I N , T H E R E A R E N O E X P R E S S E D O R I M P L I E D W A R R A N T I E S A N D T H O S E E X C L U D E D I N C L U D E T H O S E O F M E R C H A N T A B I L I T Y A N D F I T N E S S F O R A P A R T I C U L A R P U R P O S E . Royal shall N O T be liable for C O N S E Q U E N T I A L D A M A G E S resulting from any failure, defect, or malfunction of this Product. Some states do not allow limitations on how long an implied warranty lasts and some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

TO OBTAIN SERVICE UNDER THE TERMS OF THIS WARRANTY:

· Pack your Product in the original carton or equivalent.

· Enclose a copy of the bill of sale or other documentation showing original purchase date.

· Enclose a card or note describing the difficulty you have had with the Product.

· Be sure to include your complete name, shipping address and day-time telephone number.

· Bring or ship, prepaid and insured, via a traceable shipping method the above Product to the nearest Royal Authorized Service Center location. Royal and/or the Service Center cannot be held responsible for any loss or damage that occurs while in transit.

For Authorized Service Centers within your local area, call 1-800-272-6229.

Please retain the original proof of purchase for your records to establish date of original purchase. Your warranty starts with the date of original purchase. This warranty gives you specific legal rights, and you may also have other rights which vary from State to State.

This warranty is valid only on cash registers and time clocks purchased, delivered and used in the United States and/or Canada.

ROYAL ®

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