ROYAL®

alpha

6000ML

Cash Management System

Instruction Manual

36 **Departments**

6000 **PLU**
Price Look-Up

10 **Clerk Totals**

Security System

4 Tax rates
(Including Canadian and VAT)

WELCOME...

to the Royal family of fine business machines. We sincerely hope you will enjoy the many benefits of being associated with a distinguished product name that has represented both quality and customer satisfaction since 1905.

This electronic cash register is designed to help your business function smoothly by providing efficient register operations and accurate management reports. Start-up is quick and easy, yet there are many options that can be added and revised so that you can customize your operations for optimum productivity. Here are just a few of the register's many valuable features:

• 36 Departments

• 6000 PLU (Price Look-Up) settings

• 10 Clerk Totals

• Security System

• Choice of Journal or Customer Receipt printout

• Automatic Tax Computation for tax rate (Add-on, Canadian Tax and VAT)

• Up to 4 Tax Tables

• Department-linked entry options that streamline and speed-up operation

• Periodic management reporting systems

• Battery back-up / memory protection of records

PLUS...

The ROYAL CONSUMER PRODUCT SUPPORT HOTLINE gives you the opportunity to call for operational assistance and problem resolution. Please call toll-free:

Customer Service:
1-800-272-6229 (USA)
01-800-849-4826 (in Mexico)
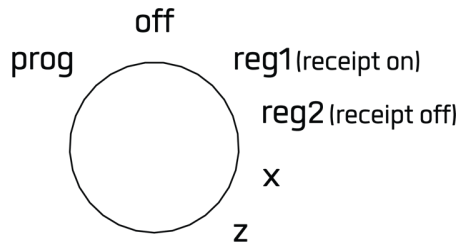To Order Supplies: 1-888-261-4555

THE CONTENTS

1) BASIC FEATURE

LCD(Front display)

```
T O T A L            $8.76
CASH                 $8.76



CHANGE               $0.00
```

Width: 25 characters / Length: 10 characters
Backlight: white / Character color: black

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  /
/                     /
~~~~~~~~~~~~~~~~~~~~~~~~
```

Width 24 characters

LED(Rear Display)

9 characters (numeric)

CONTROL LOCK KEY MODE

off

prog

reg1 (receipt on)

reg2 (receipt off)

x

z

KEYBOARD

| dept shift | ← | ↑ | ↓ | → |

| feed | #
 < esc > | | FC | plu | plu alt |

| **6** A
 24 Q | **12** B
 30 R | **18** C
 36 S | tax force | tax exempt sale |

| −% | +% | | 7 | 8 | 9 |

| **5** D
 23 T | **11** E
 29 U | **17** F
 35 V | RA
 < caps > | PO
 < sym > |

| cpn | return | | 4 | 5 | 6 |

| **4** G
 22 W | **10** H
 28 X | **16** I
 34 Y | ns
 < bksp > | charge
 < wide > |

| void | qty/ date | | 1 | 2 | 3 |

| **3** J
 21 Z | **9** K
 27 − | **15** L
 33 # | check |

| clear | | 0 | 00 | . |

| **2** M
 20 space | **8** N
 26 Ñ | **14** O
 32 , | sub total <br> reprint |

| **1** P
 19 / | **7**
 25 | **13**
 31 | amount tend
 total
 < enter > |

SPEC (SOFTWARE)

The maximum memory for the EJ report: 5000 lines in the SRAM

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

PLU: 6000 / PLU name: 12 characters

DEPT: 36 / DEPT name: 12 characters

CLERK: 10 / CLERK name: 24 characters

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

HANDLING

Scroll Bar
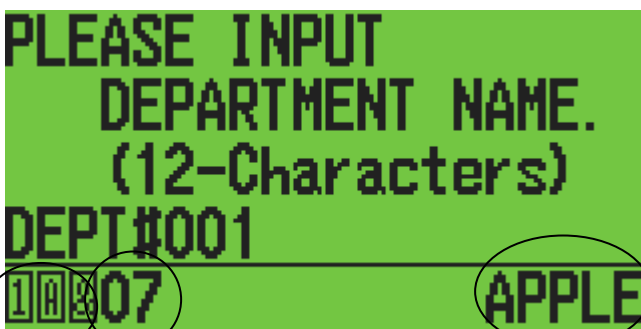
Help Message

Entered Value

The remaining numbers of characters which can be inputted.

Entry Mode

```
INPUT PLU# OR
 SCAN UPC BAR CODE.
PREVIOUS PLU#
    #0000000000001
1                        2
```

Either a PLU number or a bar code number is inputted.

Entry Mode

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

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

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

Enables you to input symbols using the **#/ns** key (refer to soft keys).

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 & X modes.

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

    [charge] = Double Word

    [return] = CAPS

Help Message

The selected item will scroll in the Help Message area.

Scroll Bar

Appears to the right of the selected item.

THE SOFT KEYBOARD

A reversed character shows the position of the cursor.

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

To enter the character at the cursor, press **ENTER** key.
Characters on the **TEN** key and the **DEPT** key are also available to use.

When you press the **'charge'** key, the next characters will be double wide characters.

Press the **#/NS** key again and the soft keyboard mode will close and the display returns 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 theme by pressing the **ENTER** or **CLEAR** key.

For the illustration above 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 . 00
```
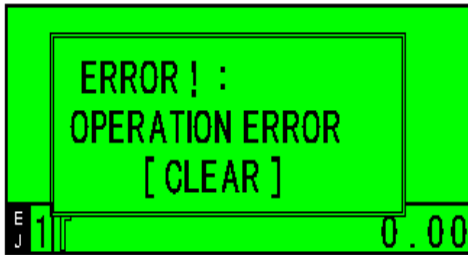
Overflow Error (under a transaction)

```
DEPT#002  $00000.00 9 T 2
DE  ERROR ! :        9 T 2
DE  MAX. $ REACHED   9 T 2
DE     [ CLEAR ]     9 T 2
E
J 1                  0 . 00
```
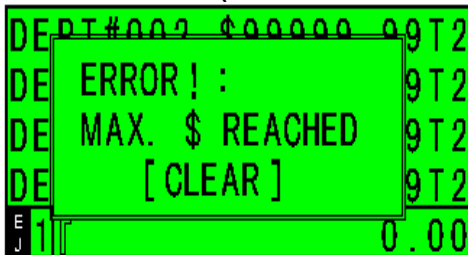
Zero Price Registration Error

```
ERROR ! :
NO ZERO-PRICES
   [ CLEAR ]

E
J  1              0 . 00
```
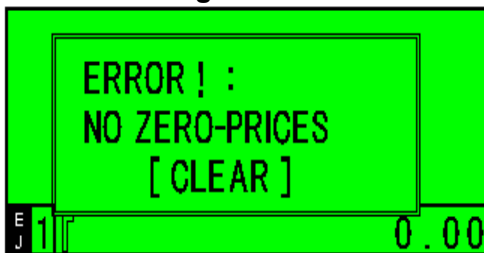
Item Buffer Error (under a transaction)
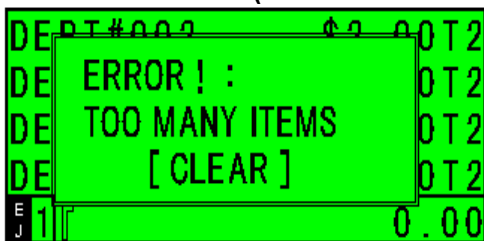
```
DEPT#002      $2.00 0 T 2
DE  ERROR ! :        0 T 2
DE  TOO MANY ITEMS   0 T 2
DE     [ CLEAR ]     0 T 2
E
J 1                  0 . 00
```

Clerk Input Error

```
PLEASE  INPUT
 C  ERROR ! :
 &   CLERK# ERROR  ER
       [ CLEAR ]
E
J 1              0 . 00
```

Manager Passcode Error

PLEASE INPUT
ERROR！：
INVALID PASSCODE
[CLEAR]
0 . 00

Amount Conpulsory Error
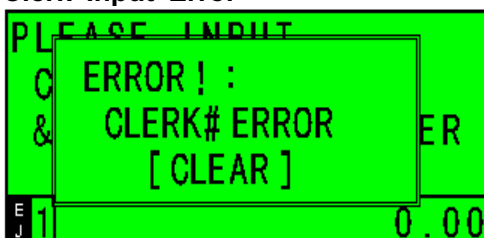
ERROR！：
ENTER AMT. TEND.
[CLEAR]
0 . 00
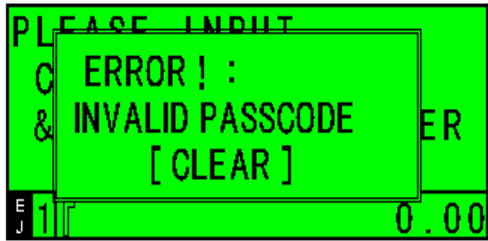
Paper End Error
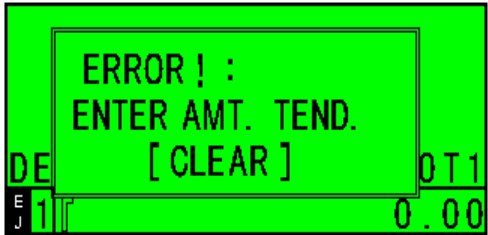
ERROR！：
CHECK PRINTER
[CLEAR]
0 . 00

Printer Head Overheat Error

ERROR！：
PRINTER OVERHEAT
[CLEAR]
0 . 00
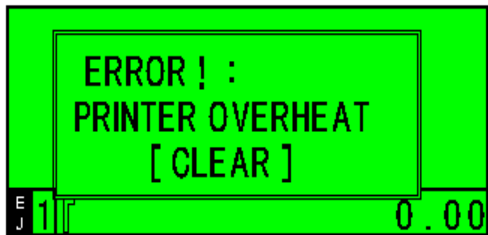
Printer Power Down error
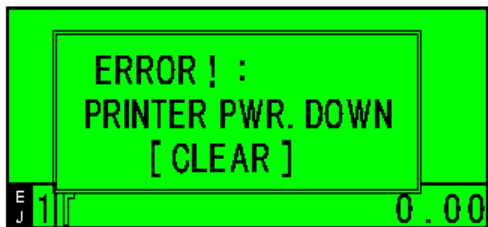
ERROR！：
PRINTER PWR. DOWN
[CLEAR]
0 . 00

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]
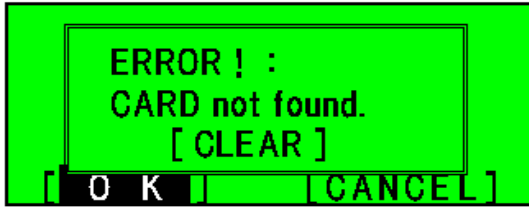
SD Write Protected Rrror
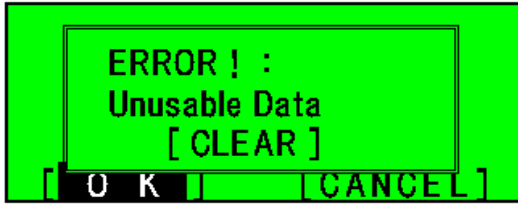
ERROR ! :
Write protected.
[CLEAR]
[O K]   [CANCEL]
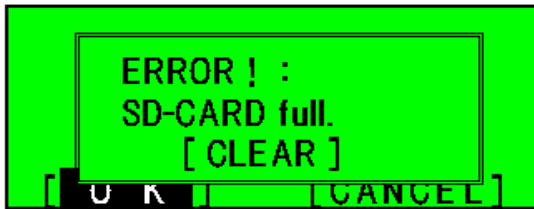
SD CARD Error

ERROR ! :
SD-CARD error
[CLEAR]
[O K]   [CANCEL]
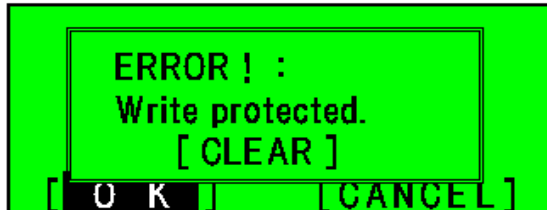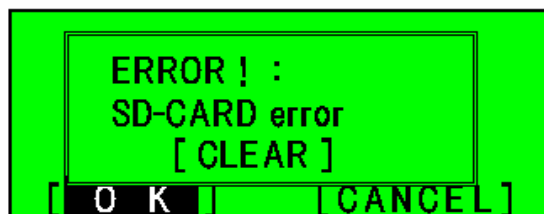
SD Data Not Found Error
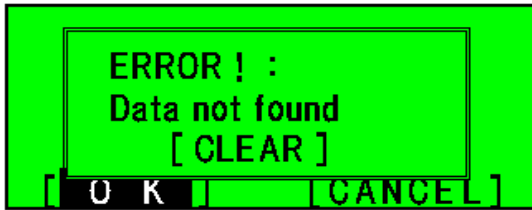
PAYMENT   : Cash, Check, Charge, Credit1・2

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
NUMBER OF COLUMNS : 24 COLUMNS
PAPER WIDTH   : 58 ± 0.5mm
MCTF   : About 2000000 Lines

INTERFACE   : BARCODE INTERFACE (PRG, REG, REPORT MODES)

2) BASIC FEATURES AND FUNCTIONS - CONTINUED

KEYBOARD:

Amount tend total - The Amount Tend Total key is used for cash tender transactions.

<enter> - The Enter key is used to finalize the current transaction.

charge - The Charge key ends a sales paid for by a credit card.

<DW> - The Double Wide characters are created with 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 a receipt or a journal paper for one
line. Holding the key down will continually advance a receipt or a journal
until the key is released.

cpn - The CPN key is used to enter a single entry coupon discount. The
financial report records the CPN key total.

-% - The -% key is used to subtract a percent discount from the sales total.
The financial report records the -% key total.

+% - The +% key is used to add a percent add-on to the sales total.
The financial report records the +% key total.

RA - The RA key is used to record a media payment, or a loan from the cash
drawer. The financial report records the received on account total.

<caps> - The Caps key is used for typing capital or lower-case letters using the
alphabet on the Department keys at the time of a caption setup.

PO - The PO key is used to remove money from the cash drawer. It carries its
own total on the financial report.

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

\# - The # key is used to enter a descriptive or reference number during a sale,
such as an invoice number or product serial number.

<ESC> - The ESC key is used to exit the current screen and go back to the previous
screen.

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

<BS> - The BS Key serves to cancel the last character that was inputted.

sub total	-	The sub total key is used to subtotal a sales transaction.
<reprint>	-	The Reprint key reprints the sales receipt for the previous sales transaction before another transaction is started.
return	-	The Return key is used to return merchandise and process a returned item as a credit sale. Merchandise return carries its own total on the financial report.
dept shift	-	Department Shift key (dept shift) is used when selecting a department number (19-36) and switch the character to be entered.
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	-	The PLU ALT key is used to override PLU preset prices.
FC	-	The FC key is to convert foreign currency rates.
tax exempt sale	-	The Tax Exempt Sale key is used to set an entire sales transaction as tax exempt before pressiong the Amount Tend Total key.
tax force	-	The Tax Force key overrides the pre-programmed tax rate for an item with a differernt tax rate or tax exempt a single item.
void	-	The Void key is used to erase an incorrect entry, or ring an entire voided sales transaction. The void key corrects all totals that the incorrect entry affected, and stores its own total on the financial report.
qty/date	-	The QTY key is used to enter multiple quantities of a PLU or Department during a sale.
		The Date shows the default date/time/status screen on the clerk display between sales in the Sales Registration mode.
.	-	The Decimal Point key is used to enter a decimal point.
←↑↓→	-	These keys are used to move the cursor or select items from the menus on the clerk display.
DEPT1-18	-	The DEPT key is used to set up department descriptions and is also used to input letters and symbols at the time of a caption setup.

3) TOTALIZERS & COUNTERS

	Z1/X1		Z2/X2	
	TOTALIZERS	COUNTERS	TOTALIZERS	COUNTERS
DEPARTMENT 1-n	12(digits)×n	(6+4)(digits)×n	12(digits)×n	(6+4)(digits)×n
CLERK 1-n	12 × n	4 × n	-	-
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 × n	(6+4) × n	-	-
Z1 COUNTER	-	4 × 1	-	-
Z2 COUNTER	-	-	-	4 × 1
TIME SALES	12 × 24	4 × 24	-	-

4) CASH REGISTER INITIAL SET UP

Turn on the register.

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

LCD

```
LANGUAGE SELECT
ENGLISH
ESPANOL / SPANISH
FRANCOIS / FRENCH
? Select Language. ?
```

Follow the instructions displayed below to program the date and time.

Example: May 5, 2021, 9:26 AM.

LCD

```
PLEASE INPUT
  2-DIGIT YEAR(YY).



1                    0
```
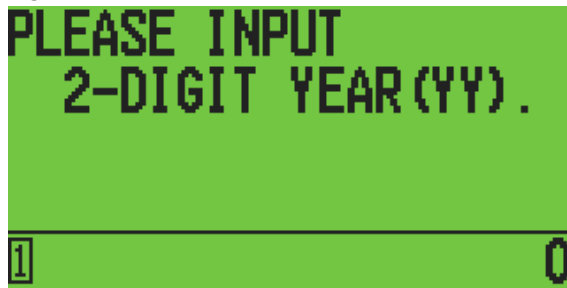
Program the present **YEAR**. Input 2 digits to set the year using the numeric keys, then press **[ENTER]**.

Example: 2021 → 21

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

Example: May → 05

LCD

```
PLEASE INPUT
  2-DIGIT MONTH(MM).



1                    0
```

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

Example: 5 → 05

LCD

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



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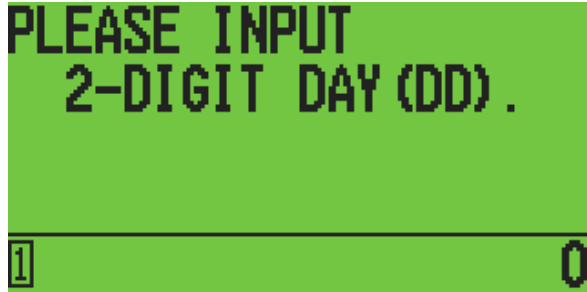
Program the present **HOUR**. Input 2 digits to set the hour (military hour) by using the numeric keys, then press **[ENTER]**.

Example: 9 → 09

LCD

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


1                    0
```
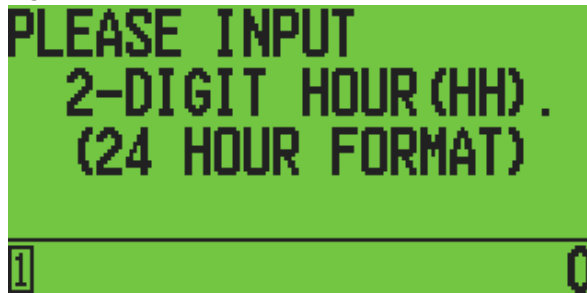
Program the present **MINUTES**. Input 2 digits to set the minutes by using the numberic keys, then press **[ENTER]**.

Example: 26 → 26

LCD

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



1                    0
```

To program the TAX SYSTEM

- Select the TAX SYSTEM (USA、CANADIAN、VAT) using **[↑]** and **[↓]**, press **[ENTER]**.

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

LCD

```
TAX  SYSTEM  SELECT
USA  (ADD  ON)  TAX    ▲
CANADIAN  TAX
CANADA  ROUNDING
VAT  TAX               ▼
? Select Tax Calcul?
```
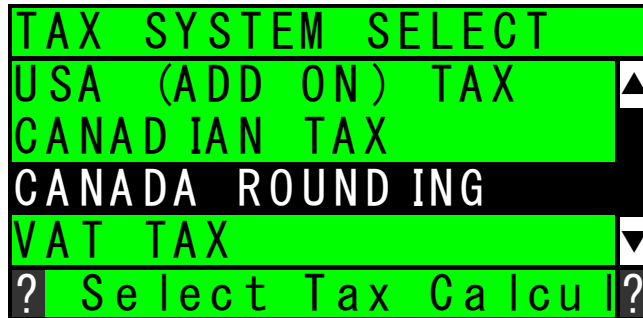
- Select the STRAIGHT TAX or the TABLE TAX using the **[↑]** and **[↓]** key, then press **[ENTER]**. An abbreviation using the **[ESC]** key is possible.

LCD

```
SELECT TAX TYPE
STRAIGHT
TABLE (OPTIONAL)

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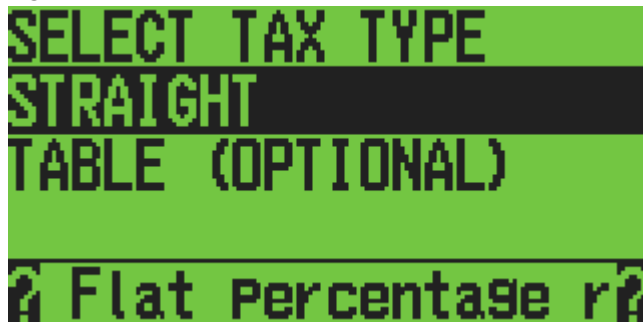
The above is displayed when choosing USA TAX

- Enter the RATE (0 - 99.999%) you want using the numerical keys. Then press **[ENTER]**. An abbreviation using the **[ESC]** key is possible.

For example for 10%, enter "10"

LCD

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

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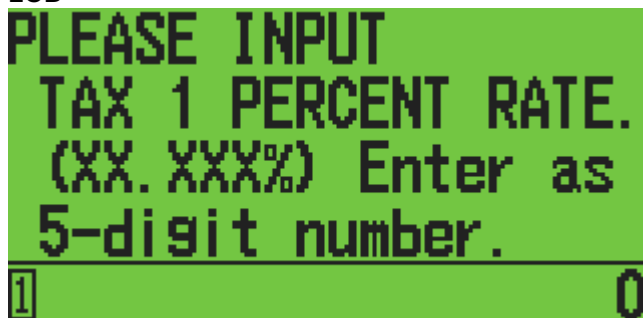
```
INITIAL SET-UP IS
COMPLETE. PRESS
<ENTER> to DISPLAY
THE MAIN MENU.
─────────────────
    [ ENTER ]
```

Press **[ENTER]**

5) OPERATING NOTES

This section is information pertaining to the operation.

   ALL OPERATIONS ARE PERFORMED IN THE REG MODE.

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

When you make an operational error, a POP-UP display will let you know what the error is and the solution. At the same time, your machine will keep beeping until the error is released. Press **[enter]** to release the error.

5-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 ← → keys.

Financial Report:

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

Choose either [KEEP EJ ON] or [EJ OFF] by pressing the ← → keys. 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 ← → keys.

Financial Report:

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 ← → keys.

Sales Receipt:

5-b) PARTIAL RESET

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

5-1) BASICS DISPLAY

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

[qty/date]

Default setting

Date   TIME

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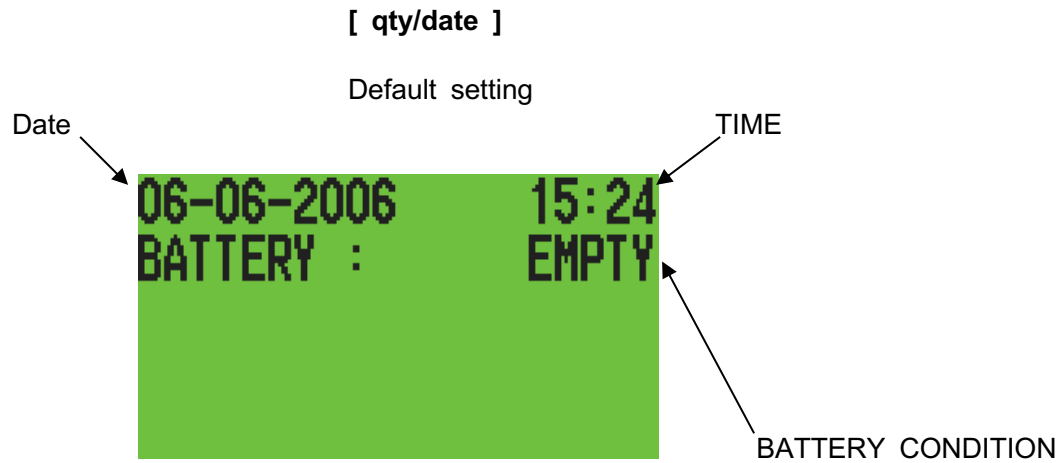
BATTERY CONDITION

Below is when the CLERK SYSTEM and 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
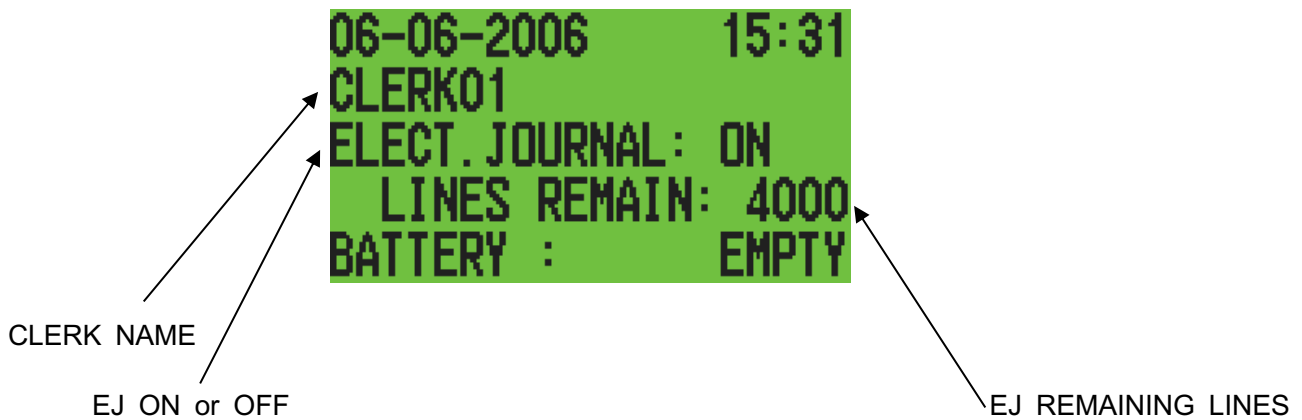
Note: When the EJ function is on, the remainder of the EJ free space is displayed.

Battery condition:

    BATTERY: EMPTY
    BATTERY: LOW
    BATTERY: NORMAL

5-2) TO ASSIGN A CLERK

To program the CLERK NUMBER:

      [**enter**]

```
PLEASE INPUT
 CLERK NUMBER
 & THEN PRESS ENTER


E
J 1                    0.00
```
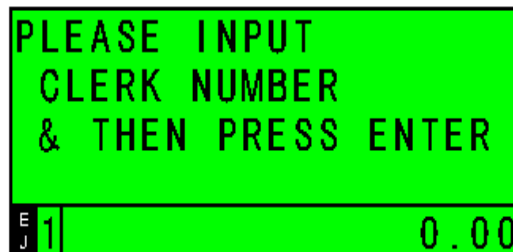
If the CLERK SECURITY SYSTEM is active, the clerk is prompted to enter the CLERK NUMBER and PASSCODE when they enter the Sales Registration Mode.

Enter # (000-999) using the numerical keys

      [**check**]

```
PLEASE INPUT
 CLERK PASSCODE
 & THEN PRESS CHECK


E
J 1                       0
```
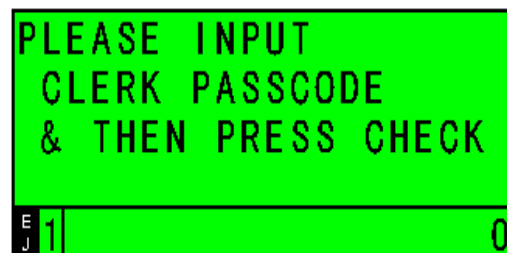
Note:

The CLERK NUMBER must be programmed first before the CLERK PASSCODE is programmed or this transaction will not work.

5-3) SAMPLE RECEIPT & ENTRY SCREEN

```
                    ************************
                    *      YOUR RECEIPT     *  ──── STORE HEADER (5 line)
                    *        THANK YOU      *         STANDARD CHARACTER ..... 24/line
                    *                       *         DOUBLE CHARACTER ....... 12/line
                    ************************
        TIME ────── 14:06      04-12-2021 ────── DATE
MACHINE NUMBER ──── MC NO.1234       0015 ────── CONSECUTIVE NUMBER
   CLERK NAME ───── CLERK01
   DEPARTMENT ───── DEPT 1        *1.00T1 ────── TAXABLE 1 DEPRTMENT
      CAPTION       DEPT 2        *2.00T2 ────── TAXABLE 2 DEPRTMENT
                    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 COMPUTATION
                    CHANGE        *4.60
                    ~~~~~~~~~~~~~
                      HAVE A NICE DAY
                      PLEASE COME AGAIN ──────── FOOTER LOGO (5 lines)
                                                   STANDARD CHARACTER ..... 24/line
                    ~~~~~~~~~~~~~                  DOUBLE CHARACTER ....... 12/line
```

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

PLEASE ENTER DEPT.
$ AMOUNT OR PLU #
TO START SALES
TRANSACTION !

5-4) 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**] + (# 36) + [**dept shift**] ⟶ ASSIGNS DEPT 36

Department Shift Entry:

DEPT NUMBERS 1-18 can be entered with the DEPT KEY. For Numbers 19-36, use the [**dept shift**] key as shown below.

[**dept shift**] + [**DEPT 1/19**] ⟶ ASSIGNS DEPT 19

[**dept shift**] + [**DEPT 2/20**] ⟶ ASSIGNS DEPT 20

|
|
|

[**dept shift**] + [**DEPT 18/36**] ⟶ ASSIGNS DEPT 36

5-4-1)

Single Department Entry:

enter amount (   ) + [**DEPARTMEN**T]

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      04-12-2021
MC NO.1234      0019
CLERK01                      ———— SINGLE DEPARTMENT ENTRY
DEPT 1        *1.00T1        ———— REPEAT DEPARTMENT ENTRY
DEPT 2        *2.00T2
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
```

5-4-2)

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       04-12-2021
MC NO.1234        0019
CLERK01
DEPT 21         *1.00
DEPT 22         *2.00
DEPT 22         *2.00
 2x             @3.00
DEPT 23         *6.00
 2x 2x          @3.00
DEPT 24        *12.00
_____
SUBTOTAL       *23.00
_____
TOTAL          *23.00
CASH           *23.00
```

— SINGLE DEPARTMENT ENTRY
— REPEAT DEPARTMENT ENTRY

— MULTIPLE DEPARTMENT ENTRY

— Square MULTIPLE DEPARTMENT ENTRY

5-5) 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      04-12-2021
MC NO.1234       0019
CLERK01                      ———— SINGLE DEPARTMENT ENTRY
DEPT 41         *1.00T1
 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
```

5-6) PLU ENTRIES

Single PLU Entry:

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

enter amount (↑   ) + [**plu alt**]

          Maximum 7 digits
* See the receipt sample for this over ride 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      04-12-2021
MC NO.1234       0026
CLERK01
APPLE            *1.00T1
* PRICE *
APPLE            *2.00T1 ————————— PRICE OVER RIDE ENTRY
COKE             *2.00T2 ⎫ ———— MULTIPLE PLU ENTRY
 2x              @3.00   ⎭
GRAPE            *6.00   ⎫ ———— Square MULTIPLE PLU ENTRY
 2x 2x           @1.00   ⎭
ORANGE           *4.00
————————————————————————
SUBTOTAL        *13.00
TAX1             *0.20
TAX2             *0.20
TOTAL-TAX        *0.40
————————————————————————
TOTAL           *13.40
CASH            *13.40
```

5-7) cpn KEY OPERATIONS

cpn key entries can be made with a maximum entry amount of 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   }

```
*************************
*    YOUR RECEIPT      *
*     THANK YOU        *
*                      *
*************************
16:32      04-12-2021
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
```

5-8) -% KEY OPERATIONS

Sale Discount:

[**DEPARTMENT ENTRY**]

[**DEPARTMENT ENTRY**]

[**subtotal**]

Enter percent rate (0.01 - 99.99%) + [**-%**]

{ TENDER }

```
************************
*    YOUR RECEIPT      *
*      THANK YOU       *
*                      *
************************
17:29      04-12-2021
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%) + [**-%**   ]

[**DEPARTMENT ENTRY**]

{   TENDER   }

```
**********************
*     YOUR RECEIPT     *
*      THANK YOU       *
*                      *
**********************
17:36      04-12-2021
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
────────────────────────
SUBTOTAL        *7.80                 DISCOUNT AMOUNT
TAX1            *0.20
TOTAL-TAX       *0.20
────────────────────────
TOTAL          *8.00
CASH           *8.00
```

5-9) +% KEY OPERATIONS

Sale Percent Plus:

[**DEPARTMENT ENTRY**]

[**DEPARTMENT ENTRY**]

[**subtotal**   ]

Enter percent rate (0.01 - 99.99%) + [**+%**   ]

{   TENDER   }

```
************************
*      YOUR RECEIPT      *
*        THANK YOU       *
*                        *
************************
17:29        04-12-2021
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%) + [**+%**   ]

[**DEPARTMENT ENTRY**]

{   TENDER   }

```
***********************
*     YOUR RECEIPT     *
*      THANK YOU       *
*                      *
***********************
17:36        04-12-2021
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

5-10) 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      04-12-2021
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

5-11) 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        04-12-2021
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
```

5-12) 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       04-12-2021
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
```

5-13) RECEIVED ON ACCOUNT OPERATIONS

Enter amount received   (↑) + [**RA**]

Maximum 8 digits

```
************************
*     YOUR RECEIPT     *
*       THANK YOU      *
*                      *
************************
19:17       04-12-2021
MC NO. 1234        0066
CLERK01
RECD ACCT        *10.00
```

5-14) PAID OUT OPERATIONS

Enter amount paid (↑) + [**PO**]

Maximum 8 digits

```
************************
*     YOUR RECEIPT     *
*       THANK YOU      *
*                      *
************************
19:17       04-12-2021
MC NO. 1234        0066
CLERK01
PAID OUT          *5.00
```

5-15) NON-ADD NUMBER PRINT OPERATIONS

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

(Maximum 10 digits) + [**#**]

```
************************
*     YOUR RECEIPT     *
*      THANK YOU       *
*                      *
************************
19:17        04-12-2021
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
```

5-16) 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        04-12-2021
MC NO.1234        0066
CLERK01
NO SALE
```

5-17) TENDERING OPERATIONS-Cash Tender

In the 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      04-12-2021
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

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

5-18) TENDERING OPERATIONS - Check Tender

[**DEPARTMENT ENTRY**]

[**DEPARTMENT ENTRY**]

[**check**   ]   or   [**subtotal**   ]

enter amount tendered (   ) + [**check**   ]

```
***********************
*     YOUR RECEIPT     *
*      THANK YOU       *
*                      *
***********************
19:17      04-12-2021
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      ⎫   CHANGE COMPUTATION
CHECK           *4.00      ⎬
CHANGE          *0.60      ⎭
```

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

5-19) TENDERING OPERATIONS

Charge Tender:

```
************************
*     YOUR RECEIPT     *
*      THANK YOU       *
*                      *
************************
19:17       04-12-2021
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       04-12-2021
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   ]

TOTAL *3.40 —— CASH PAYMENT
CASH *2.00

CHARGE *1.40 —— CHARGE PAYMENT

* The rear display will show "Cr" at the 9th and 10th digits for charge. A minus sign proceeds it if the total is in a minus figure. A combination is possible for split tender at every tender key.

5-20) TENDERING OPERATIONS-Credit Tender

Note: When the "Credit key" is selected in system option 1, the Dept18 is Credit1 and Dept17 is Credit2.

[**DEPARTMENT**]

[**DEPARTMENT**]

[**Credit 1**] ◄─── (DEPT 18) or [**subtotal**]

enter amount tendered (   ) + [**Credit 1**]

```
************************
*     YOUR RECEIPT     *
*      THANK YOU       *
*                      *
************************
19:17      04-12-2021
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
```

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

5-21) TENDERING OPERATIONS -Debit Tender

Note: When the "Debit key" is selected in system option 1, the Dept16 is a Debit.

[**DEPARTMENT**]

[**DEPARTMENT**]

[**Debit**] ⟵ (**DEPT 16**) or [**subtotal**]

enter amount tendered (   ) + [**Debit**]

```
************************
*     YOUR RECEIPT     *
*      THANK YOU       *
*                      *
************************
19:17      04-12-2021
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

* The rear display will show "d" at the 10th digit for debit. A minus sign proceeds it if the total is in a minus figure.

5-22) 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        04-12-2021
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     --> 100 x 10% = 10
TAX2             *0.40     --> 200 x 20% = 40
TAX3             *0.90     --> 300 x 30% = 90
TAX4             *1.60     --> 400 x 40% = 160
TOTAL-TAX        *3.00
------------------------
TOTAL           *13.00
CASH            *13.00
```

* 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        04-12-2021
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        04-12-2021
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      04-12-2021
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

5-23) 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        04-12-2021
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       04-12-2021
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 the above are over the 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       04-12-2021
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    --> GST AMOUNT = (100 + 200 + 300 + 400) x 5% = 50
TAX2            *0.21    --> PST1 AMOUNT = (200 x 5% + 200) x 10% = 21
TAX3            *0.63    --> PST2 AMOUNT = (300 x 5% + 300) x 20% = 63
TAX4            *1.26    --> PST3 AMOUNT = (400 x 5% + 400) x 30% = 126
TOTAL-TAX      *2.60        NOTE:
-----------------------      All the above are over the LIMIT PRICE.   Therefore all the
TOTAL          *12.60        TAX should be calculated.
CASH           *12.60
```

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      04-12-2021
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 the 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        04-12-2021
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
        (200 x 5%) + 200 = 210
         210 x 10% = 21
        (30 + 21 + 600) x 20% = 130

PST3 AMOUNT = 700 x 5% = 35
        (300 x 5%) + 300 = 315
         315 x 10% = 32
        (400 x 5%) + 400 = 420
         420 x 20% = 84
        (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 is
 calculated.
 PST3:|(700x5%)+((300x5%)+300)x1%+((400x5%)+400)x20%+700|>LIMIT
 PRICE 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      04-12-2021
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      --> GST AMOUNT = (66 + 77 + 88 + 99) x 5% = 17
TAX2            *0.00
TAX3            *0.00
TAX4            *0.31      --> PST3 AMOUNT = (99 x 5% + 99) x 30% = 31
TOTAL-TAX       *0.48
------------------------
TOTAL           *3.78
CASH            *3.78
```

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 the 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      04-12-2021
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      --> GST = (66 + 77 + 88 + 99) x 5% = 17
TAX2            *0.00
TAX3            *0.00         NOTE:
TAX4            *0.00         GST iself is not influenced by "Not include GST".
TOTAL-TAX       *0.17        PST1 AMOUNT = |77| --> Below a limit price --> PST1 = NO TAX
_____      PST2 AMOUNT = |88| --> Below a limit price --> PST2 = NO TAX
TOTAL           *3.47        PST3 AMOUNT = |99| --> Below a limit price --> PST2 = NO TAX
CASH            *3.47        The absolute value of 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        04-12-2021
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 absoluete value of all the above taxable amounts is over
The 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        04-12-2021
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 the 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 though. If an accurate tax
calculation is expected, the operator has to take care of
a separate operation from one transaction, for example.

5-24) 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        04-12-2021
MC NO. 1234         0066
CLERK01
DEPT 1            *1.00T1
DEPT 2            *2.00T2
     NON  TAX
_____
TOTAL            *3.00
CASH             *3.00
```

Note: In this case, an error warning is displayed in the VAT mode.

5-25) 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
E
J 1             0.00
```

```
19:17      04-12-2021
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: In this case, an error warning is displayed in the VAT mode. An error in the CANADIAN TAX will be mentioned separately.

5-26) GALLONAGE DEPT OPERATIONS

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

For multiplication, unit prices 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**]

Enter amount (5678) + [**DEPT 2**]

(2) + [**qty**]

[**DEPT 2**]

(2) + [**qty**]

Enter amount (5678) + [**DEPT 2**]

{ TENDER }

```
19:17        04-12-2021
MC NO.1234         0066
CLERK01
DEPT 2          *1.23
DEPT 2          *5.68
 2x            @1.234 ─────── a unit price
DEPT 2          *2.47
 2x            @5.678 ───┐
DEPT 2         *11.36     │
─────────────────────    └─ a unit price
TOTAL          *20.74
CASH           *20.74
```

5-27) FC CONVERSION OPERATION

Note:

・ The Subtotal value is shown on the display using the FC exchange rate. Converted values are shown when the FC key is depressed.

・ The 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 }

[**FC**   ]

Enter amount
    tendered (   ) + {   TENDER   }

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]	001	10.00
(2000) + [DEPT 2]	002	20.00
[subtotal]	ST	30.00
[FC]	☐	12.00
*1 [amt tend/total]	CA	12.00

30.00÷2.5=12.00

FC TOTAL

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 the Cash in Drawer are always updated in the Local total.

```
 19:17      04-12-2021
 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
```

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**] | 001   10.00 |

(2000) — [**DEPT 2**] | 002   20.00 |

[subtotal] | ST   30.00 |

[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        04-12-2021
                  MC NO.1234          0066
                  CLERK01
                  DEPT 1          *10.00
                  DEPT 2          *20.00
                  ――――――――――――――――――――
                  SUBTOTAL        *30.00
                  ――――――――――――――――――――
LOCAL TOTAL ――――  TOTAL          *30.00
FC TOTAL ―――――――  FC             $12.00
FC CHECK AMOUNT ― CHECK FC       $20.00
LOCAL CHANGE ―――  CHANGE         *20.00
FC CHANGE ――――――  CHANGE FC       $8.00
```

* 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 the Check Sales Total and the Cash in Drawer
      are always updated in Local currency. Change calculation is done after the FC amount is
      converted to Local.

5-28) DOUBLE RECEIPT ISSUE

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

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

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

[**subtotal/reprint**] $\longrightarrow$ Print Receipt

5-29) FULL VOID OPERATION

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

[**DEPARTMENT or PLU ENTRY**]
[**DEPARTMENT or PLU ENTRY**]
[**subtotal**]
[**void**]

Example:

(100) + [**DEPT 1**]

(200) + [**DEPT 2**]

[**subtotal**]

[**void**]
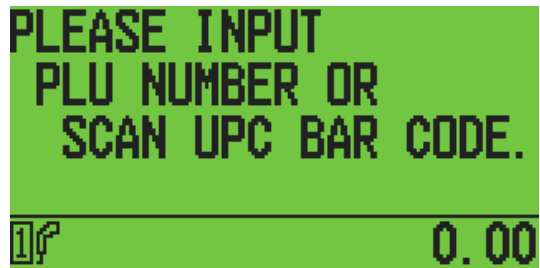
```
19:17        04-12-2021
MC NO.1234         0066
CLERK01
DEPT 1           *1.00
DEPT 2           *2.00
------------------------
SUBTOTAL         *3.00
////// FULL VOID ///////
```

5-30) PRICE INQUIRE

When 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**]

5-31) AGE CHECK

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

OTHERS SET UP:

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

Example:
Setting the value of 20 years old in AGE 1

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

DEPARTMENT SET UP:

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

Example:
Setting is AGE 1.

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

SALES REGISTRATION:

Example:
Dept1 ⟶ AGE 1
AGE 1 ⟶ 20
Date of Birth ⟶ Apr. 11, 1986

```
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 press the [**amount tend/total**] key.

5-32) TRAINING MODE

If the transaction data is entered in the Training Mode, the Report Totalizer, Counter and Receipt Number Counter will not count up. The FINANCIAL REPORT and PROGRAMMING modes are not operative.

a) The key entry sequence to enter the training mode is:

$$(\text{ TRAINING MODE PASSWORD }) + [\textbf{ subtotal/reprint }]$$
6 digits

b) The key entry sequence to terminate the training mode is:

$$(\text{ TRAINING MODE PASSWORD }) + [\textbf{ subtotal/reprint }]$$
6 digits

LCD DISPLAY

Training Mode symbol

6）REPORTS

REPORTS MAIN MENU

Select REPORTS from the MAIN MENU and press [**ENTER**]. The following LCD appears. This is the REPORT'S initial menu.

LCD

```
X REPORT
Z REPORT
BATCH CLOSE
EFT REPORT
? Reading sales rep?
```
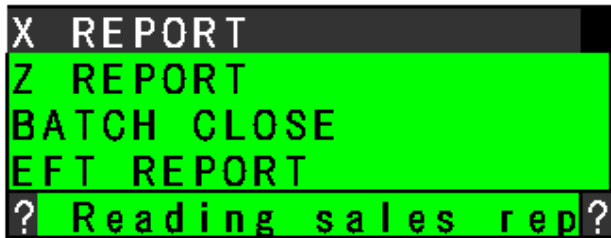
6-1）X REPORT

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

LCD

```
C-I-D REPORT
DAILY REPORT
PLU REPORT
DEPT REPORT
? Press ENTER to ru?
```

6-1-1) CASH IN DRAWER REPORT

This option is only available for the X REPORT. It enables you to know how much money is left in the draw. Press [**enter**] on the 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
```

After printing the total CASH in drawer on a report, the display returns to the X REPORT initial menu.

6-1-2) DAILY REPORT

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

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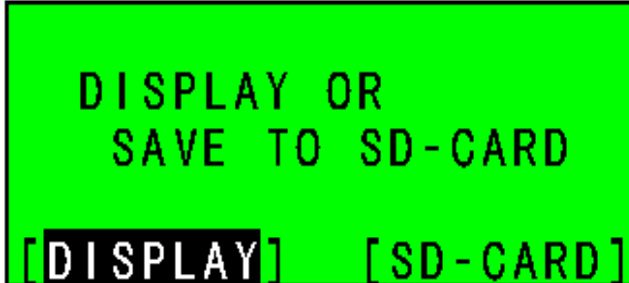
When you select the [**SD-CARD**] and press [**ENTER**], the daily report will be saved onto the SD-card.

When you select [**DISPLAY**] and press [**ENTER**], the daily report will be shown on the display.

LCD

Press [**ENTER**] to print it.

```
        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 (TAX 1 & TAX 2)
                    | DEPT 4            0010  |
                    |                $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
                    | GT            $1042.22* |--> GRAND TOTAL
```

After printing a report, the display returns to the X REPORT initial menu.

Note 1) You can stop issuing the report by depressing the paper feed key.
Note 2) When the COUPON setting is set to "AFTER TAX" at the system option, the
        balance of the department amount and the TAX amount will not be calculated correctly.

6-1-3) PLU REPORT

To read the PLU sales totals:

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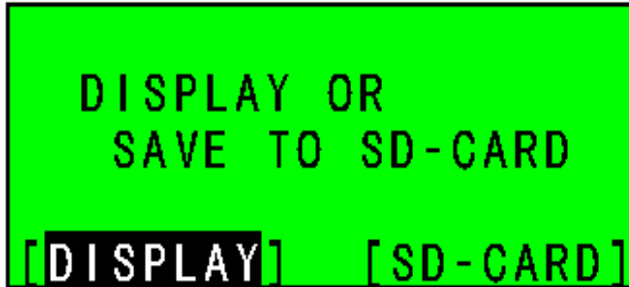
LCD

```
  DISPLAY OR
    SAVE TO SD-CARD


[DISPLAY]    [SD-CARD]
```

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

When you select [**DISPLAY**] and press [**ENTER**], the ALL PLU report will be shown on the display.

LCD

```
RANGE
BY LINKED DEPARTMENT
ALL


? Press ENTER to se?
```
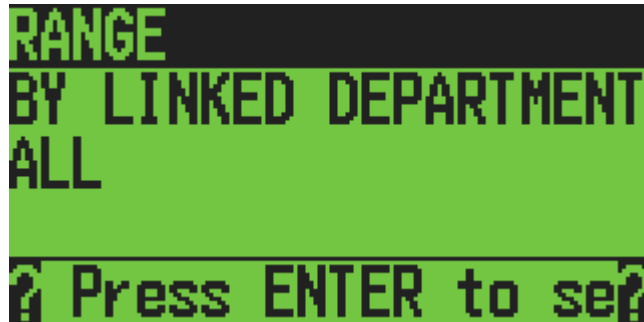
6-1-3-1) RANGE PLU REPORT

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

LCD

```
PLEASE INPUT
STARTING PLU # OR
SCAN UPC BAR CODE
     THEN PRESS ENTER
E
J 1                    1
```
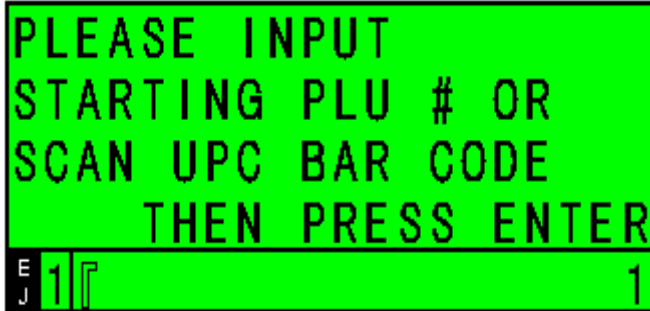
Input the STARTING PLU# with the numeric keys or scan the UPC bar code, then press [**ENTER**] to move to the next LCD shown below.

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

LCD

```
PLEASE INPUT
ENDING PLU # OR
SCAN UPC BAR CODE
     THEN PRESS ENTER
E
J 1                    1
```
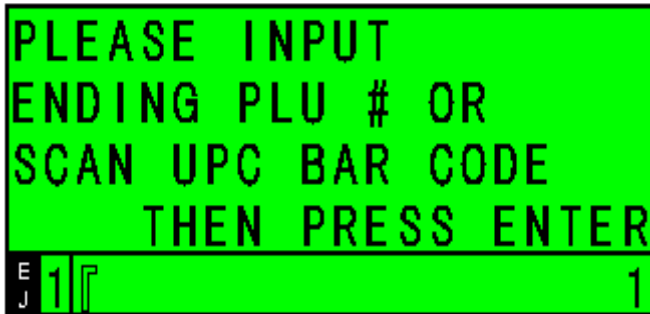
Input the ENDING PLU# with the numeric keys or scan the UPC bar code and press [**ENTER**]. The [**ENTER**] key is unnecessary when the bar code is used.
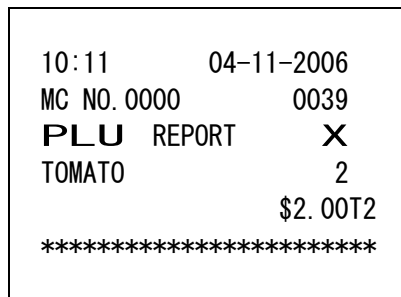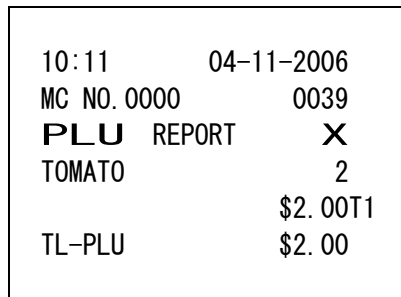
LCD

```
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
```

After printing the PLU RANGE report, the display returns to the PLU REPORT initial menu.

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

6-1-3-2) LINKED DEPARTMENT PLU REPORT

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

LCD

```
PLEASE INPUT
STARTING LINKED
DEPARTMENT# &
      THEN PRESS ENTER
E
J 1                      0
```
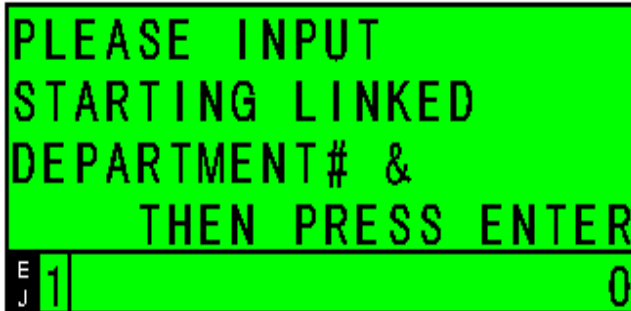
Input the STARTING LINKED DEPARTMENT# with the numeric keys. Press [**ENTER**] to move to the next LCD shown below.

LCD

```
PLEASE INPUT
ENDING LINKED
DEPARTMENT# &
      THEN PRESS ENTER
E
J 1                      0
```
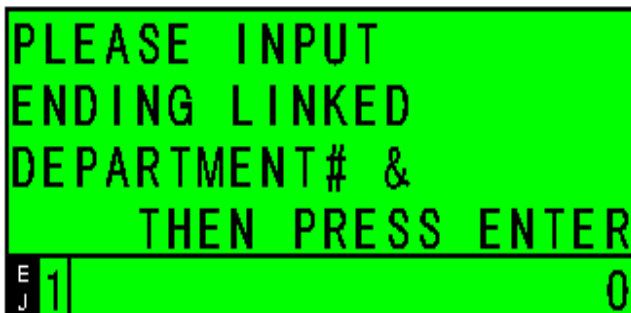
Input the ENDING LINKED DEPARTMENT# with the numeric keys. Press [**ENTER**] to move to the next LCD shown below.

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
```

After printing the PLU RANGE report, the display returns to the PLU REPORT initial menu.

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

6-1-3-3) ALL PLU REPORT

To read the PLU Sales Totals:

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

LCD

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

Press [**ENTER**] to print it.

```
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 ─────── ************************

After printing the PLU RANGE report, the display returns to the PLU REPORT initial menu.

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

6-1-4) DEPARTMENT REPORT

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

LCD

6-1-4-1) RANGE DEPARTMENT REPORT

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

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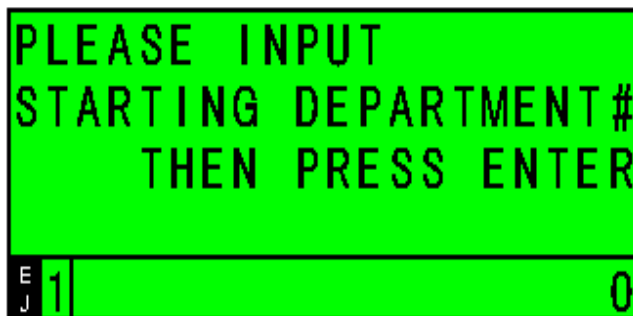
Input the STARTING DEPARTMENT# with the numeric keys and press [**ENTER**].

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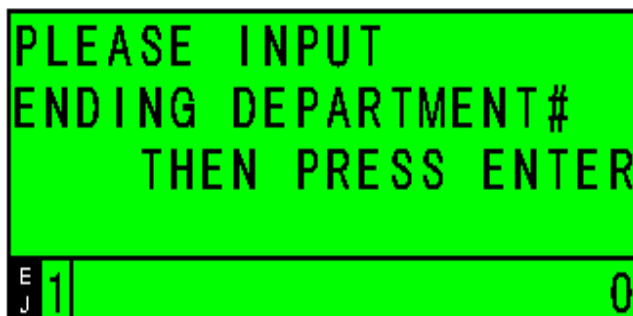
Input the ENDING DEPARTMENT# with the numeric keys and press [**ENTER**].
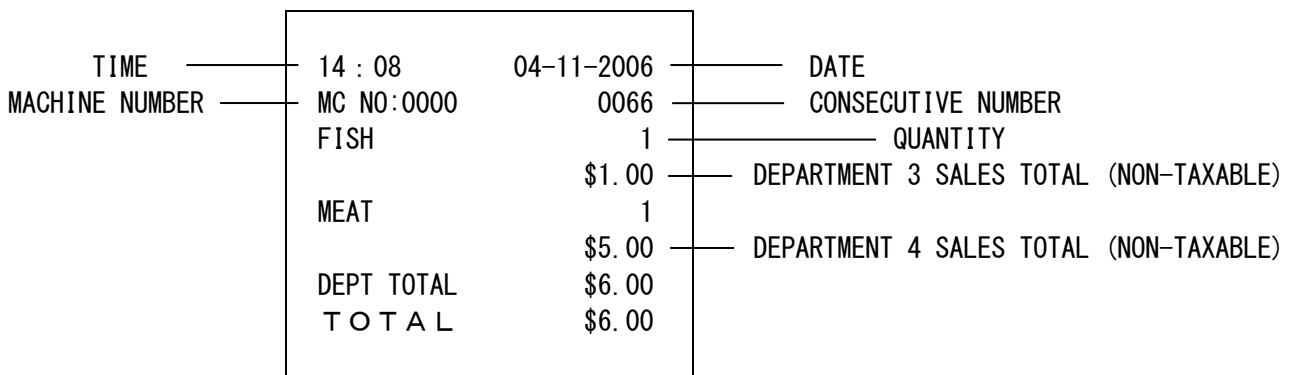
LCD

```
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
```

After printing the PLU RANGE report, the display returns to the PLU REPORT initial menu.

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

6-1-4-2) 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 ]
```

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
```

After printing the PLU RANGE report, the display returns to the PLU REPORT initial menu.

Note) You can stop printing the report by depressing the paper feed key. In that case, the total range of PLU sales will not be printed.
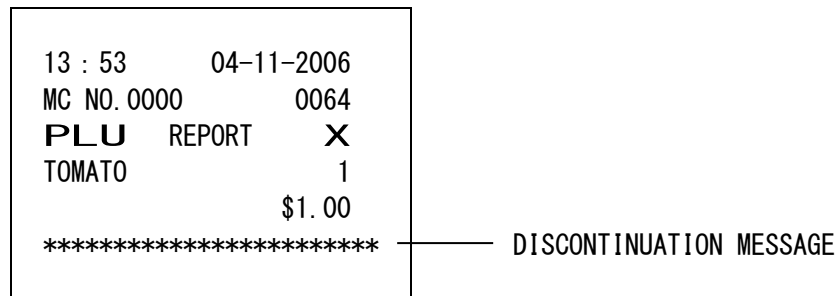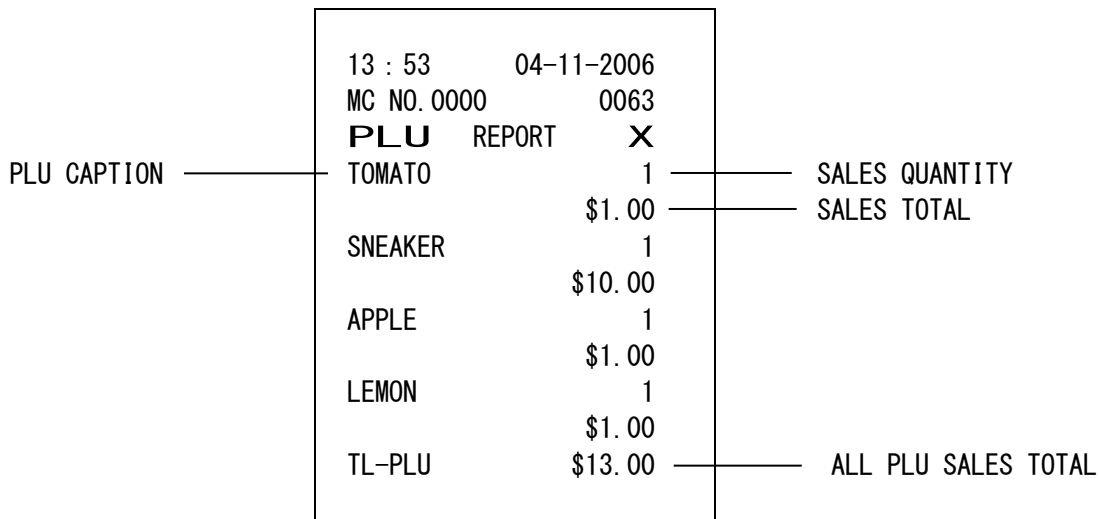
6-1-5) CLERK REPORT

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

6-1-5-1) 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
```
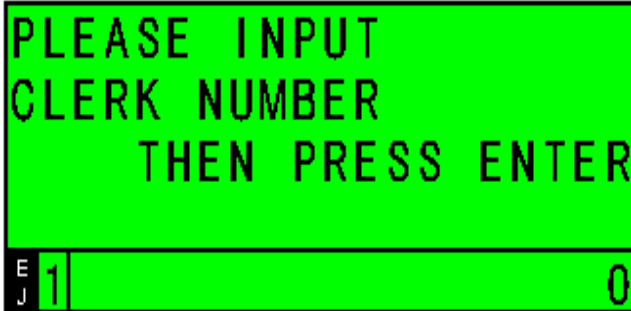
Input the CLERK # with the numeric keys and press [**ENTER**].

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
```

After printing the report, the display returns to CLERK REPORT initial menu.

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

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

6-1-5-2) ALL CLERK REPORT

To read the clerk report:

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

LCD

```
TOM
  0012          $100.00
EMI
  0002          $200.00
       [ PRINT ]
```

Press [**ENTER**]

```
        15:41         04-11-2006
        MC NO.0000            0001
        CLERK REPORT          ✕
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
```

After printing the report, the display returns to CLERK REPORT initial menu.

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

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

6-1-6) HOURLY REPORT

To read the hourly report:

Select the 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
```

After printing the report, the display returns to the X REPORT initial menu.

6-1-7) PERIODIC REPORT

To read the Period-to Date Financial Report:

Select the 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 the SD-card.
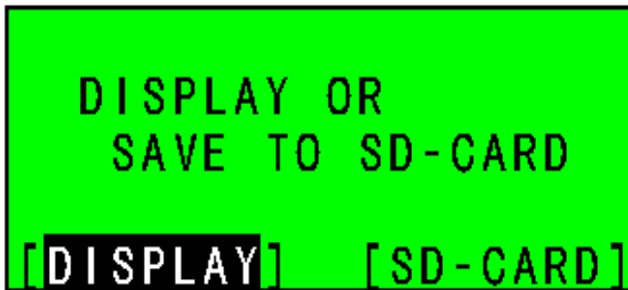
LCD

DISPLAY OR
SAVE TO SD-CARD

[DISPLAY]   [SD-CARD]

When you select [**SD-CARD**] and press [**ENTER**], the PERIODIC report will be saved to the SD-card.

When you select [**DISPLAY**] and press [**ENTER**], the PERIODIC report will be shown on the display.

LCD

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

Press [**ENTER**] to print.

After printing the report, the display returns to X REPORT initial menu.

Note) You can stop printing 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 TOTA
                   | 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
                   | GT           $1042.22*   --> GRAND TOTAL
```

6-1-8) 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⌂
```

6-1-8-1) BY DATE/TIME

To read the Electronic Journal by date and time:

Select the 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
```
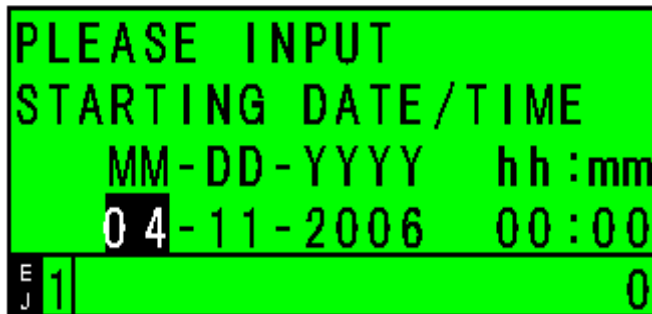
Input the STARTING DATE/TIME with the numeric keys and press [**ENTER**].

LCD

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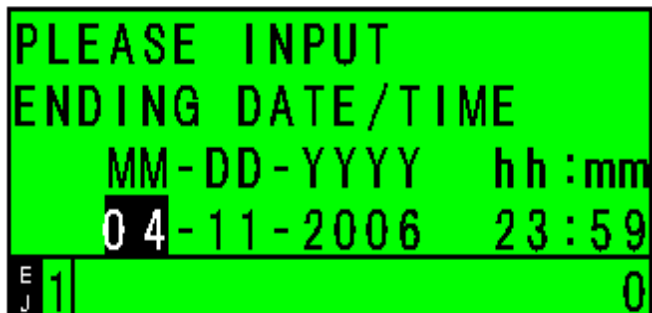
Input the ENDING DATE/TIME with the numeric keys and press [**ENTER**] to print.

LCD

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

```
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
```

The LCD display stays at the ELECTR.JOURNAL REPORT initial menu.

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

6-1-8-2）ALL

Select ALL from the ELECTR.JOURNAL initial menu by using the **[↓] [↑]** keys and pressing [**ENTER**].

LCD

```
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
```

After printing the report, the display returns to ELECTRIC JOURNAL REPORT initial menu.

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

6-2）Z REPORT

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

LCD

This is the Z REPORT initial menu.

6-2-1) DAILY REPORT

To read report and reset the total to zero:

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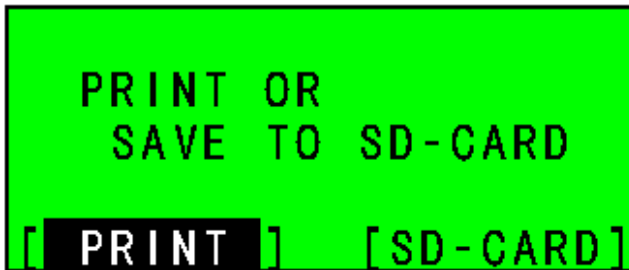
LCD

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

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

Note1) You can stop printing the report by depressing paper feed key.

Note2) When the COUPON setting is set to "AFTER TAX" at the system option, the balance of the department amount and the 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 (TAX 1 & TAX 2)
                 | DEPT 4            0010 |
                 |             $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
                 | GT         $1042.22*   | --> GRAND TOTAL
```

The LCD display stays at the Z REPORT initial menu.

6-2-2) 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 printing the report by pressing the paper feed key.

6-2-3) 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

```
PRINT OR
  SAVE TO SD-CARD

[ PRINT ]   [SD-CARD]
```
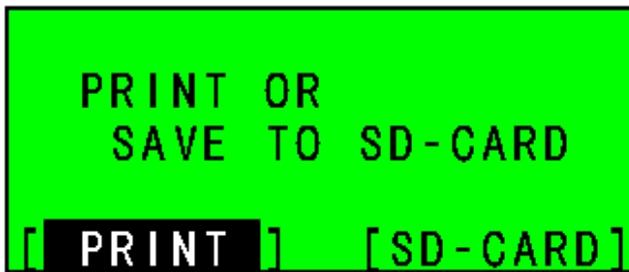
* When you select [**SD-CARD**] and press [**ENTER**], the PLU report will be saved to SD-card.

* 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
PLU CAPTION ─── 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
```

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

LCD display stays at the Z REPORT initial menu.

Note) You can stop printing 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) CLERK REPORT

To read the clerk report and reset the total to zero:

Select the CLERK REPORT at the 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
```

The LCD display stays at Z REPORT initial menu.

Note1) You can stop printing the report by pressing the paper feed key. In this case, the total of the range CLERK sales will not be printed.

Note2) When the TAX SYSTEM is set to USA TAX or CANADIAN TAX, the tax amount will not be included in the sales total. There is no parameter that programs this setting.

6-2-5) HOURLY REPORT

To read the hourly report and reset the total to zero:

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

```
              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
```
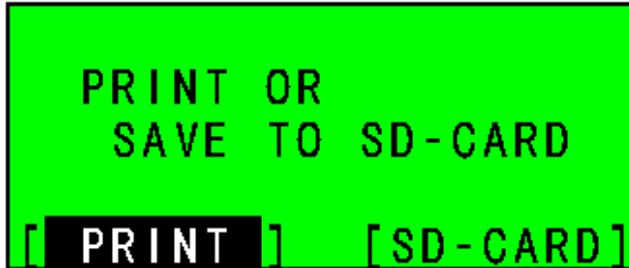
The LCD display stays at the Z REPORT initial menu.

6-2-6) PERIODIC REPORT

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

Select the PERIODIC REPORT at the 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

```
PRINT OR
   SAVE TO SD-CARD

[ PRINT ]   [SD-CARD]
```

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

* When you select [**PRINT**] and press [**ENTER**], the Periodic report will print.

* The LCD display stays at the Z REPORT initial menu.

Note) You can stop printing 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 TOTA
                            | 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
                            | GT           $1042.22* | --> GRAND TOTAL
```

6-2-7) ELECTRONIC JOURNAL REPORT

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

Select the ELECTR.JOURNAL at the 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]
```
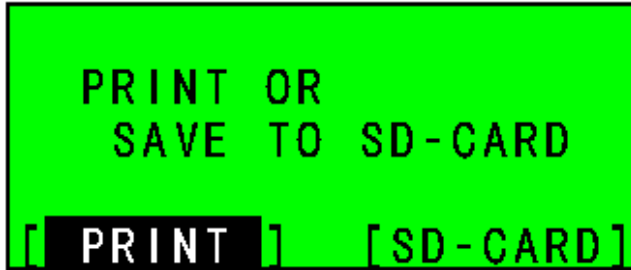
* When you select [**SD-CARD**] and press [**ENTER**], the EJ report will be saved to the SD-card.

* 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
```

The EJ report 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 out on the report.
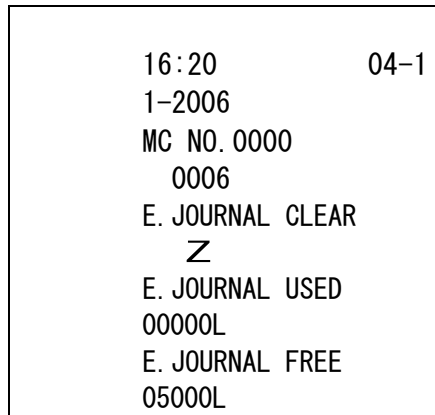
```
16:20          04-1
1-2006
MC NO.0000
   0006
E.JOURNAL CLEAR
      Z
E.JOURNAL USED
00000L
E.JOURNAL FREE
05000L
```

The LCD display returns to the Z REPORT initial menu.

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

6-2-8) ELECTRIC JOURNAL CLEAR

The Electronic journal memory will be cleared without printing.

Select EJ CLEAR at the Z REPORT initial menu using the **[↓] [↑]** key. 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              04-1
1-2006
MC NO.0000
   0006
E.JOURNAL CLEAR
      Z
E.JOURNAL USED
00000L
E.JOURNAL FREE
05000L
```

The LCD display returns to the Z REPORT initial menu.

7) BALANCING FORMULAS

Balancing formulas will renew after next revision.

SYSTEM BALANCE

```
        (+) DEPARTMENT 1
        (+) DEPARTMENT 2
                |
                |
        (+) DEPARTMENT 35
        (+) DEPARTMENT 36
    _____

        (=) DEPARTMENT TOTAL
```

```
% IN DEPT : YES                          % IN DEPT : NO

        (+) DEPARTMENT TOTAL                 (+) DEPARTMENT TOTAL
    _____         (+) ITEM +/- TOTAL
                                             (+) ITEM %1 TOTAL
        (=) GROSS SALES                      (+) 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.*

SAFETY NOTICE

The main outlet for this cash register must be located near the unit and easily accessible. Do not use this cash register outdoors, in the rain or near the source of liquid.

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 numeric LED customer display
Printer	57mm alphanumeric thermal printer
Ink Source	Thermal printer –no ribbon or ink needed
Paper Supply	2⁄4 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	Adaptor DC9V 3.0A
Operating Temperature	0-40 Degrees Centigrade (32-104 Degrees Fahrenheit)
Dimensions	13.38"W x 14.25"D x 8.62"H
Weight	11.02-lbs. (5.0-kg)

LIMITED WARRANTY

ROYAL ELECTRONIC CASH REGISTER LIMITED WARRANTY

Royal Consumer Information Products, Inc. ("Royal") at 1011 U.S. Highway 22 West, Suite 202, Bridgewater, NJ 08807 USA warrants that your NEW 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:

PARTS: New or comparable rebuilt parts in exchange for defective parts for ONE YEAR from the date of purchase.

LABOR: All labor charges incurred from a Royal Authorized Service Center or the Royal Corporate Service Center are covered for 90 DAYS 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 Corporate Service Center's or the Royal Authorized Service Center's then prevailing rates. The Product must be brought to a Royal Authorized Service Center nearest to your location; or must be shipped postage prepaid, insured and via a traceable shipping method to a Royal Authorized ServiceCenter or to the Royal Corporate Service Center. Royal will pay return postage from the Royal Corporate 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 consumables 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. THERE ARE NO OTHER EXPRESSED WARRANTIES EXCEPT AS STATED HEREIN. AFTER THE PERIOD OF EXPRESSED WARRANTY SET FORTH HEREIN, THERE ARE NO EXPRESSED OR IMPLIED WARRANTIES AND THOSE EXCLUDED INCLUDE THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Royal shall NOT be liable for CONSEQUENTIAL DAMAGES 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 the above Product, prepaid and insured, via a traceable shipping method to the nearest Royal Authorized Service Center location or to the Royal Corporate Service Center. The 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, please call 1-888-261-3888 or 1-800-272-6229. In Canada call 1-888-266-9380 or you may call the Royal National Repair Center directly at 800-832-6522 for shipping instructions and additional information.

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 haveo ther 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.

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