

# **OPERATING INSTRUCTION MANUAL**

**FOR**

**MODEL ET-7626/7626F**

**(TYPE NAME:MR-1)**

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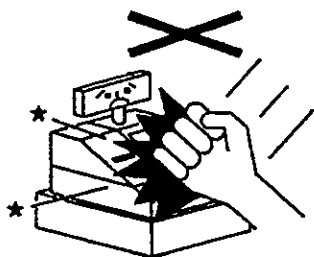
## INTRODUCTION

First of all, We thank you very much for your best choice of our new cash register.

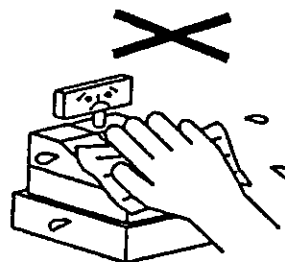
This operating instruction manual explains the feature, operating procedure and general precaution to help you perform this cash register.

Secondly, please keep the following instruction to maintain long and proper performance of the cash register.

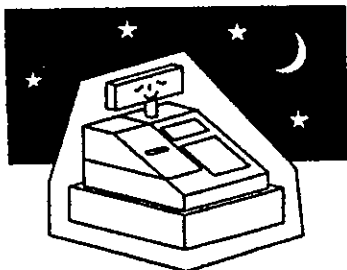
1. Each key shall be pressed softly.



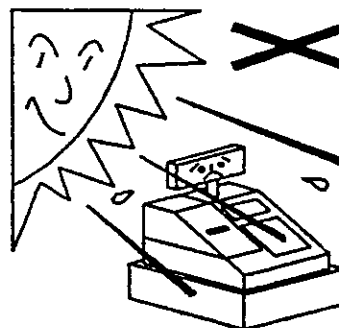
2. Do not touch the machine with wet hands or wet rag.



3. After using, cover the machine with attached dust cover.

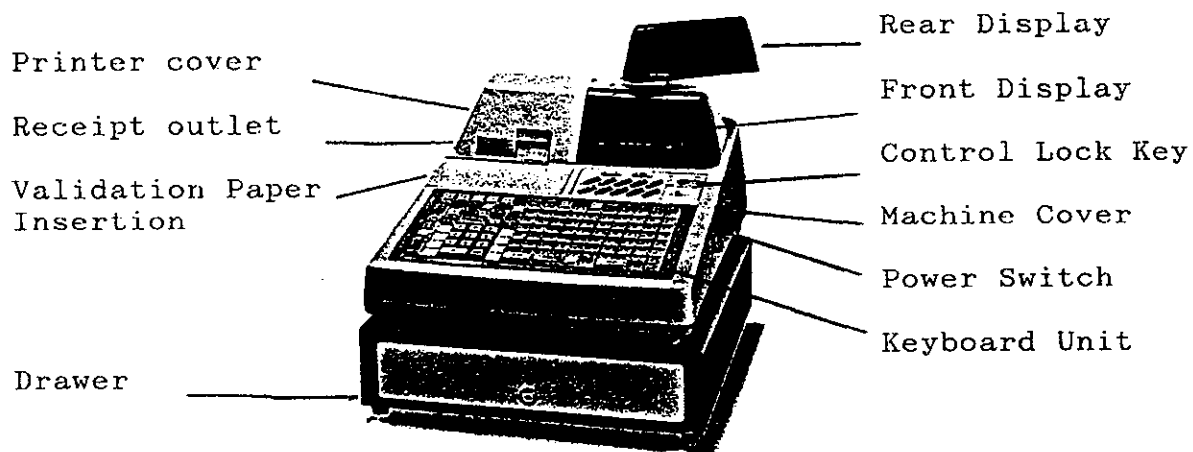


4. Avoid placing the machine in a direct sunlight for a long time



# 1. NAME OF PARTS AND MAIN SPECIFICATION

## 1.1 NAME OF PARTS



### (ATTACHMENT)



Waterproof cover



Programming overlay sheet



Instruction manual, Programming manual



Drawer key



Dust cover



Roll paper



Key case



Control key

## 1-2 MAIN SPECIFICATION

- \* Power source : AC117V  $\pm$  10%, AC220V  $\pm$  10%, AC240V  $\pm$  10%
- \* Power consumption: Operating power 45W, 50/60Hz  
Stand-by power 15W, 50/60Hz
- \* Memory battery : 500 hours
- \* Printer: Dot matrix printer 3.2 Line/second
- \* Ambient temperaturer: 0° - 40° C (32 - 104F)
- \* Circuit composition: Calculation LSI  
Memory C-mos Ram
- \* Dimension: 410mm (W) x 481mm (L) x 330mm (H) (405mm/Rear Display)
- \* Receipt and journal paper: 44.5mm (W) x 80mm (O.D) x 12mm (I.D)
- \* Weight: 15.0kg

### SICHERHEITS-HINWEIS

Die Steckdose zum Anschluß dieser Registrierkasse muss nahe dem Gerät angebracht und leicht zugänglich sein.

Vor dem Einschalten der Stromversorgung vergewissern Sie sich anhand des Leistungsschildes an der Rückseite der Abdeckung, daß dieses Gerät mit der vorhandenen Spannung kompatibel ist.

### SAFETY NOTICE

The mains outlet for this cash register must be located near the unit and easily accessible.

Please check the descriptions on the rating label on the rear side of the cover before turning the power on.

### AVIS SUR LA SÉCURITÉ

La prise du secteur principal pour cette caisse enregistreuse doit se trouver près du bloc et qui doit facilement accessible.

Avant de mettre de l'énergie en circuit, veuillez vérifier les descriptions de l'étiquette de caractéristiques" qui se trouvant sur le côté arrière du couvercle.

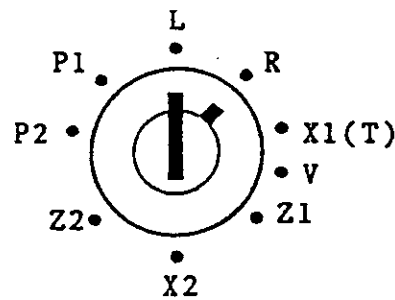
### ADVERTENCIA DE SEGURIDAD

El tomacorriente de la caja registradora debe estar ubicado en un lugar de fácil desconexión cerca de la máquina.

Verificar la descripción de la etiqueta de características del dorso de la tapa, antes de conectar la energía.

## 2. FUNCTION

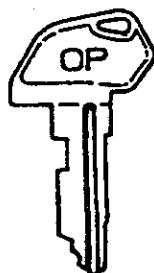
### 2-1 CONTROL LOCK KEY



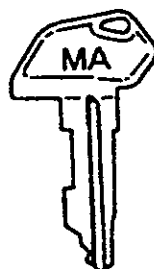
| POSITION | FUNCTION   |
|----------|--|
| L        | : The cash register is locked and can not used.  |
| R        | : Used to perform regular registration   |
| X1(T)    | : Used to check the contents of various kinds of daily sales.<br>Used to make a training mode. |
| V        | : Used to correct registration.  |
| Z1       | : Used to reset daily sales totals.  |
| X2       | : Used to check periodical term sales totals.  |
| Z2       | : Used to reset periodical term sales totals.  |
| P1       | : Used to program Date, Time, Name and Unit Price of Department, PLU etc.                      |
| P2       | : Used to program Main Flags.  |

| CONTROL KEY | FUNCTION                                       |
|-------------|--|
| OP          | : Key for operator ( L and R position)         |
| MA          | : Key for manager ( L,R,X1,Z1 and P1 position) |
| OW          | : Key for owner ( All position)                |

OP KEY



MA KEY

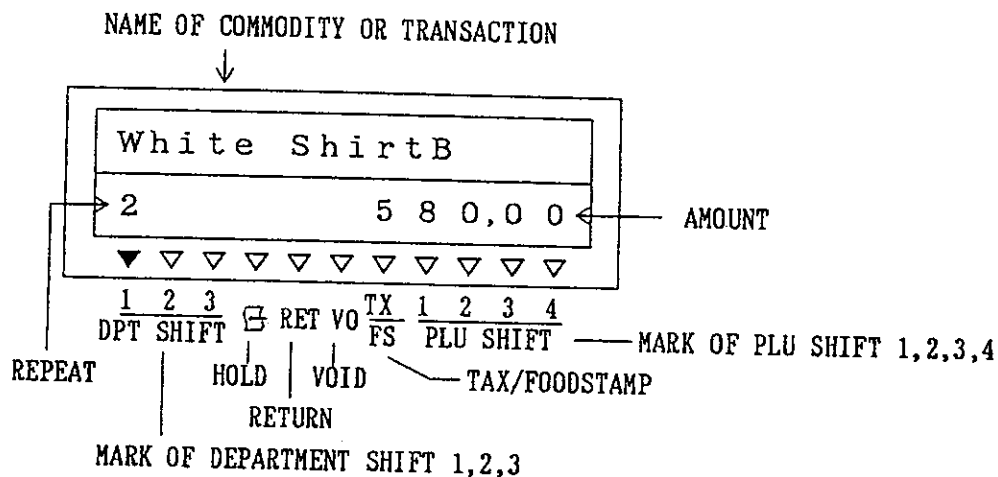


OW KEY



## 2-2 DISPLAY

### 1) Layout



\* UPPER LINE : 5 X 7 Dot Matrix, 16 Digits Fluorescent Tube.  
Displayed Name of Commodity or transaction.

\* LOWER LINE : 7 Ssegment 11 Digits Fluorescent Tube.  
Displayed Unit Price during Operation, and  
Total Amount when transaction was completed.

#### \* DISPLAYED CHARACTER:

NAME OF COMMODITY : Max. 16 Characters

NAME OF TRANSACTION: Max. 6 Characters

### 2) DISPLAY OF COMMERCAIL MESSAGE AND TIME

Commercaill message in max. 48 characters can be displayed.  
Message of 16 characters is displayed on the board in one  
time and illuminated from right to left.

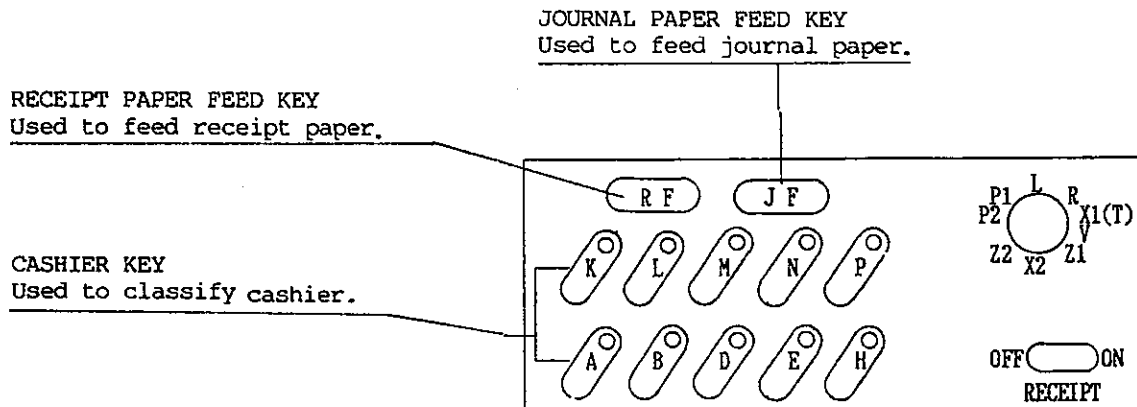
Either commercial message or time can be displayed by  
depressing the [RLS] [SUB TOTAL] key.

Choice of display of either "COMMERCIAL MESSAGE" or  
"TIME" is depending on the programming of main flag.



## 2-3 KEYBOARD FUNCTION

### A) KEYLAYOUT OF 60 DEPT. [ET-7626]



| RLS  | NTX     | TX1 | TX2 | SHFT 1 | 1 | 5  | 13 | 21 | 29 | 37 | 45 | 53 | CVRS     | HOLD      | #/NS        |
|------|---------|-----|-----|--------|---|----|----|----|----|----|----|----|----------|-----------|-------------|
| RET  | TXEX    | -1  | -2  | SHFT 2 |   | 6  | 14 | 22 | 30 | 38 | 46 | 54 | RA       | PRNT      | SLIP        |
| VOID | -N      | -%G | +%G | SHFT 3 | 2 | 7  | 15 | 23 | 31 | 39 | 47 | 55 | PO       | CHKS PRNT | STUB        |
| PBAL | PLU ENT | PLU |     |        |   | 8  | 16 | 24 | 32 | 40 | 48 | 56 | DEPO     | CARD 3    | CARD 4      |
|      | CLK ID  | 7   | 8   | 9      | 3 | 9  | 17 | 25 | 33 | 41 | 49 | 57 | SUB TOTL | CARD 1    | CARD 2      |
| NBAL | CKPD    | 4   | 5   | 6      |   | 10 | 18 | 26 | 34 | 42 | 50 | 58 |          | CHRG TEND | x1000 TEND  |
| CLR  | EC      | 1   | 2   | 3      | 4 | 11 | 19 | 27 | 35 | 43 | 51 | 59 | TOTL     | CHKS TEND | x10000 TEND |
|      | Q/F     | 0   |     | 00     |   | 12 | 20 | 28 | 36 | 44 | 52 | 60 |          | CASH TEND |             |

NUMERIC INPUT KEY  
Used for input of amount,  
quantity and code number

DEPARTMENT KEY  
Used for classification of commodities and have the following  
preset functions.

- 1) Preset of Dept. Name. (Max. 16 characters)
- 2) Preset of Unit Price. (Max. 8 digits)
- 3) Preset of High Amount Lock Out.
- 4) Preset of Single Item.

Cash transaction is completed by the operation of department key, "Single Item" can be preset in spite of preset of unit prices or high amount lock out.

- 5) Preset of TAX 1 , TAX 2 , TAX 3 and TAX 4.

B)

## STANDARD KEYBOARD LAYOUT FLAT KEYBOARD (ET-7626F)

|           |            |            |            |            |            |            |            |            |            |             |      |       |           |              |              |
|-----------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|------|-------|-----------|--------------|--------------|
| MENU<br>1 | MENU<br>11 | MENU<br>21 | MENU<br>31 | MENU<br>41 | MENU<br>51 | MENU<br>61 | MENU<br>71 | MENU<br>81 | MENU<br>91 | MENU<br>101 | DPT1 | DPT6  | RA        | #            | HOLD         |
| 2         | 12         | 22         | 32         | 42         | 52         | 62         | 72         | 82         | 92         | 102         | DPT2 | DPT7  | PO        | -            | PRNT         |
| 3         | 13         | 23         | 33         | 43         | 53         | 63         | 73         | 83         | 93         | 103         | DPT3 | DPT8  | RLS       | +%G          | SLIP         |
| 4         | 14         | 24         | 34         | 44         | 54         | 64         | 74         | 84         | 94         | 104         | DPT4 | DPT9  | VOID      | -%G          | CARD<br>4    |
| 5         | 15         | 25         | 35         | 45         | 55         | 65         | 75         | 85         | 95         | 105         | DPT5 | DPT10 | EC        | CHKS<br>PRNT | CARD<br>3    |
| 6         | 16         | 26         | 36         | 46         | 56         | 66         | 76         | 86         | 96         | 106         | CLR  | Q/F   | CLK<br>ID | CKPD         | CARD<br>2    |
| 7         | 17         | 27         | 37         | 47         | 57         | 67         | 77         | 87         | 97         | 107         | 7    | 8     | 9         | PBAL         | CARD<br>1    |
| 8         | 18         | 28         | 38         | 48         | 58         | 68         | 78         | 88         | 98         | 108         | 4    | 5     | 6         | NBAL         | CHRG<br>TEND |
| 9         | 19         | 29         | 39         | 49         | 59         | 69         | 79         | 89         | 99         | 109         | 1    | 2     | 3         | SUB<br>TOTL  | CHKS<br>TEND |
| 10        | 20         | 30         | 40         | 50         | 60         | 70         | 80         | 90         | 100        | 110         | 0    | 00    |           | TOTL         | CASH<br>TEND |

FUNCTION:

\* [SHFT 1] [SHFT 2] [SHFT 3] : DEPARTMENT SHIFT KEY

Used to select the department numbers as follows;

[SHFT 1] : 1 - 60 departments  
[SHFT 2] : 101 - 160 departments  
[SHFT 3] : 201 - 260 departments

\* [CVRS] : COVERS NUMBER ENTRY KEY

Used to enter covers number.

\* [PLU ENT] : PLU ENTRY KEY

Used for the temporary change of a unit price which was previously programmed in [PLU].

\* [Q/F] : QUANTITY/ SPLIT PRICING KEY

Used to multiply quantity by a unit price.  
Used for multiplication in split pricing.

EXAMPLE OF MULTIPLICATION BY:

1) [DEPARTMENT] key

\* Programmed price ( QUANTITY [Q/F] [DEPT.] )

\* Non programmed price ( QUANTITY [Q/F] PRICE [DEPT.] )

2) [PLU] key

\* Programmed price (QUANTITY [Q/F] PLU CODE NO. [PLU] )

\* Non programmed price  
(QUANTITY [Q/F] PRICE [PLU ENT] PLU CODE NO. [PLU] )

\*\* IN CASE OF SPLIT PRICING \*\*

Register quantity of split sale first , Quantity per Pack second,  
and price per pack third.

1) [DEPARTMENT] key

\* Programmed price  
( REGISTER QUANTITY OF SPLIT SALE (RQSS) [Q/F] QUANTITY PER  
PACK (QPP) [Q/F] [DEPT.] )

\* Non programmed price  
( RQSS [Q/F] QPP [Q/F] PRICE PER PACK [DEPT.] )

2) [PLU] key

\* Programmed price  
( RQSS [Q/F] QPP [Q/F] PLU CODE NO. [PLU] )

\* Non programmed price  
( RQSS [Q/F] QPP [Q/F] PRICE PER PACK [PLU ENT] PLU CODE NO.  
[PLU] )

\*\* Multiplication is carried out by operating quantity  
(integer 4 digits, fraction 2 digits) x Unit price in  
8 digits.

Its result is Max. 9 digits.

\* [PLU] : PRICE LOOK UP KEY

Used to register item by entering PLU number.

\* [VOID] : VOID KEY

Used to correct registered amount.

\* [EC] : ERROR CORRECTION KEY

Used to correct amount which is registered just before finalization of the transaction.

\* [RET] : MERCHANDISE RETURN KEY

Used to register returned merchandises.

\* [# / ST] : NON-ADD / NON-SALE KEY

Used to register code number.

Used to open a drawer without registration.

\* [CLR] : CLEAR KEY

Used to correct a mistakenly entered amount.

Used to release an error.

\* [-N] : MINUS NET KEY

Used to deal with store coupon or price reduction.

This key shall be used after registration of department or PLU key.

\* [-1] [-2] : MINUS 1, MINUS 2 KEY

Used to register discount amount.

Used to register bottle returning etc.

\* [-%G] : MINUS PERCENT KEY

Used for percent discount for sub-total, department or PLU.  
This key has the following function:

1) Discount percent rate

It is presettable from 0.01% to 99.99% range.

2) Tax mode preset

This is selectable to preset either before or after discounting from the amount.

\* [%G] : PLUS PERCENT KEY

Used to increase amount by specified percentage to the sub-total, department or PLU.

This key has the following functions:

- 1) Preset of adding percent ranging from 0.01% to 99.99%.  
However, entered percent rate has a priority over the preset percent rate.
- 2) Tax mode preset  
Tax mode is presetable for the amount either before or after adding percent.

\* [CASH TEND] : CASH / TENDERED KEY

Used to finalize cash sales transaction.

used to calculate amount of change and cash received.

used to read "X" report and to reset "Z" report.

\* [CHRG TEND] : CHARGE / TENDERED KEY

Used to finalize credit sales transaction.

\* [CHKS TEND] : CHECKS / TENDERED KEY

Used to finalize sales transaction by payment in checks.

Used to calculate amount received or payed by checks.

\* [CARD 1] [CARD 2] [CARD 3] [CARD 4] : CARD 1 - 4 KEY

Used to finalize sales transaction by credit cards.

4 kinds of credit cards are acceptable.

\* [x1000 TEND] : x1000 TENDERED KEY

Used to quick tendering

EX.

- 1) In case of US\$10.00 sales, Depress this key directly.
- 2) In case of US\$300.00 sales, Depress this key after registration of (3) (0).

\* [x10000 TEND] : X10000 TENDERED KEY

Used to quick tendering.

EX.

- 1) In case of US\$100.00 sales, Depress this key directly.
- 2) In case of US\$500.00 sales, Depress this key after registration of (5).

\* [SUB TOTAL] : SUB TOTAL KEY

Used to check a sub-total during transaction.

Used for percent calculation of [%G] and [-%G] after sub-total.

Used to display time or commercial message.

\* [TOTAL] : TOTAL KEY

Used to finalize transaction including tax amount.

\* [RA] : RECEIVED ON ACCOUNT KEY

Used to register received amount on account.

\* [PO] : PAID OUT KEY

Used to register payment paid out from drawer.

\* [HOLD] : HOLD KEY

Used to keep sales data temporary in the memory for the registration of next waiting customer.

\* [DEPO] : DEPOSIT KEY

Used to register deposit from customer.

\* [STUB] : STUB RECEIPT KEY

Used to issue a stub receipt.

\* [SLIP] : ITEM SLIP PRINT KEY

Used to issue a slip paper.

\* [PRNT] : PRINT KEY

Used for printing one line validation

\* [PBAL] : PREVIOUS BALANCE KEY

Used to read previous balance sales amount.

\* [NBAL] : NEW BALANCE KEY

Used to read new balance sales amount after resetting of previous balance.

\* [CKPD] : CHECK PAID KEY

Used for guest payment in Bar/Restaurant mode.

\* [CHKS PRNT] : CHECKS PRINT KEY

Used to print out the details of previous balance of the guest (whose number has been previously programmed). Previous balance per item is printed out after entry of the guest number and this key.

\* [RLS] : SINGLE ITEM AND HIGH AMOUNT LOCK OUT RELEASE KEY

Used to release single item preset price of department and PLU. And also used to release high amount lock out.

\* [NTX][TX1][TX2] : NON TAXABLE SHIFT, TAX SHIFT 1, TAX SHIFT 2 KEY

When making registration, make the department, PLU, -1, -2, -3 and -4 to be non taxable (taxable 1, taxable 2) status temporarily.

\* [TXEX] : TAX EXEMPT KEY

When this key is depressed, previously registered amount becomes non taxable except for taxable amount under the previous balance conditions.

\* [CLK ID] : CLERK-ID KEY

By the input I.D. Number, Up to 50 clerks can be selected. Selected clerk name is printed in 8 characters and the number is printed in 6 digits.

\* [(0)] - [(9)] [(00)] [(.)] : NUMERIC INPUT KEY

Used to enter any figure to operate the cash register i.e. input sales amount, indicate how many times a particular item repeats, add or subtract percentages in conjunction with % and -% keys, and to handle figures that require a decimal point.

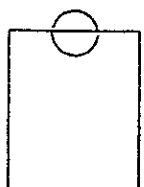
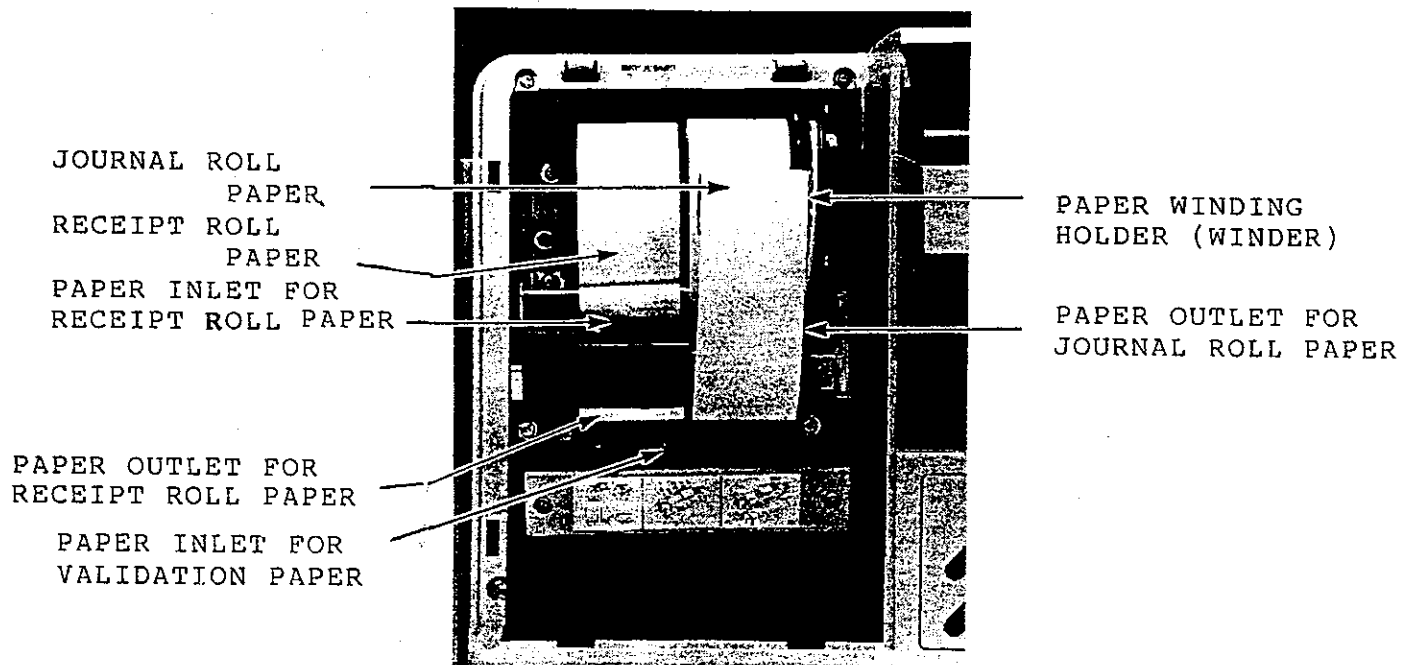
\* [(1)]-[(60)] or [(1)]-[(10)] : DEPARTMENT KEY

Used to classify which department the transaction is for.

## 2-4. SETTING AND REPLACEMENT OF ROLL PAPER, RIBBON CASSETTE.

### 2-4-1 ROLL PAPER

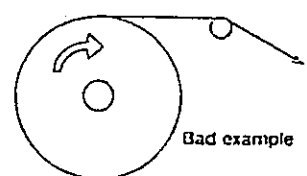
- 1) Remove the printer cover.
- 2) Cut the remaining roll paper and take it out. Press the [PF] key (Receipt Feed Key) / [JF] key (Journal Feed Key) and take out the paper remained in the printer.
- 3) Place a new roll paper on the specified position of the receipt paper side. Insert the paper straight into the paper inlet.
- 4) While inserting the paper end, keep pressing the [PF] Key until the paper end advances so that you can see it in front of paper outlet.
- 5) For the journal paper, repeat this process, using the [JF] Key (Journal Feed Key).
- 6) For the journal paper, keep pressing the [JF] key until the paper advances to the paper winding holder (winder). Insert the paper end into a groove of the winder and wind the paper two or three turns.
- 7) Press the [JF] / [PF] Key to check that the paper is taken up properly.
- 8) Close the printer cover.



Cut formation at the top edge of roll paper



Good example



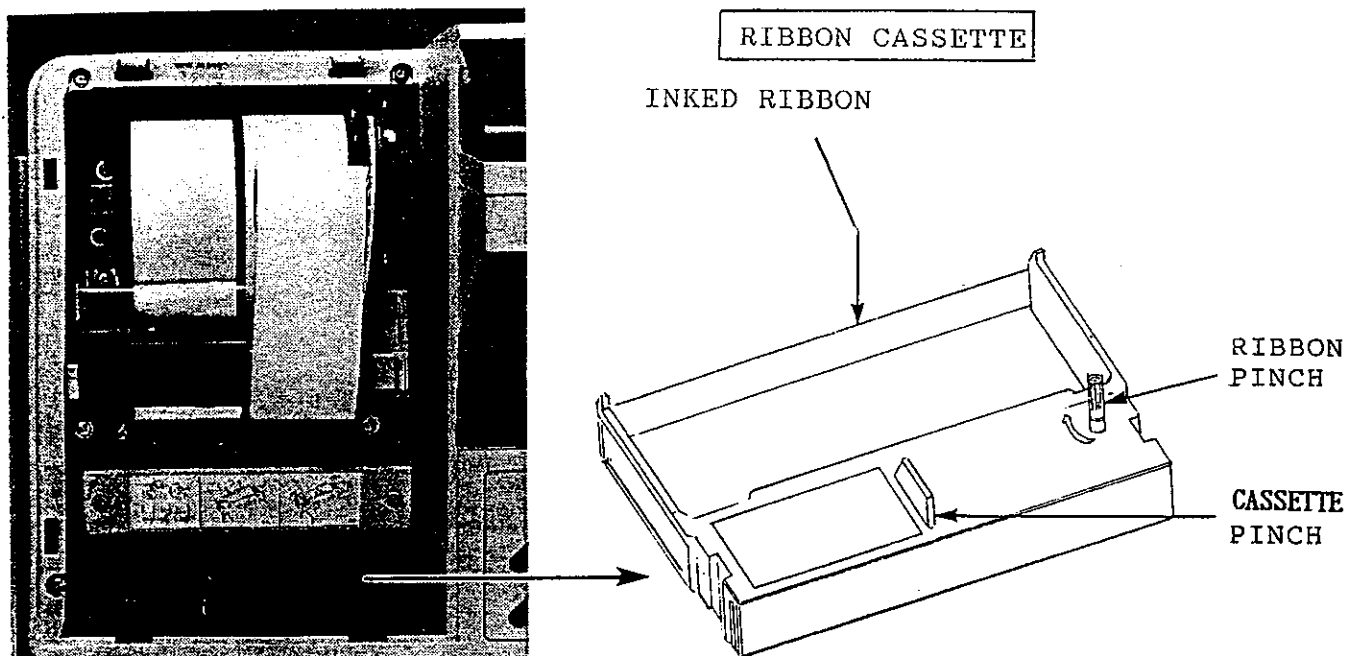
Bad example

Roll paper setting direction



## 2-4-2 RIBBON CASSETTE

- 1) Remove the printer cover
- 2) For the removal of the used ribbon cassette, hold the cassette pinch and lift it up vertically.
- 3) Insert an inked ribbon between the stamp and the paper guide, and place the cassette on the printer.
- 4) Give one or two turns to the ribbon pinch in the direction of arrow so that the ribbon moves smoothly and that it is not bent.
- 5) close the printer cover.



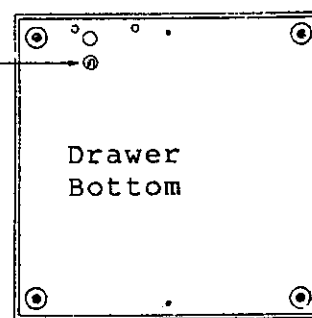
## 2-5 DRAWER OPENING AND LOCKING

### 1) OPENING

When a power failure or other emergency occurs, pull the drawer release lever located at the bottom of the cash register to open the drawer.

Drawer release lever

Rear side

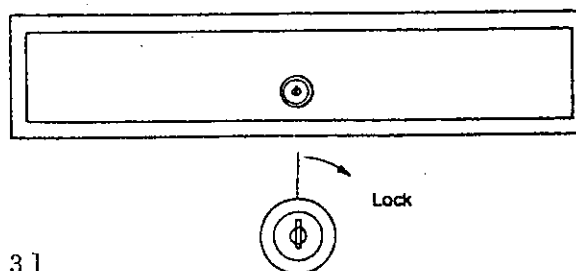


Front side

### 2) LOCKING

When cashier leaves for a while, insert the drawer key into the drawer lock and turn to the right so that drawer is locked to avoid the theft.

Drawer Key



## 2-6 SETTING BEFORE OPERATION

[NOTE]

1. PLEASE USE ATTACHED PROGRAMMING OVERLAY SHEET WHEN FOLLOWING IS PROGRAMMED.
2. PLEASE REFER PROGRAMMING MANUAL FOR PROGRAMMING OF CLERK I.D.,  
PLU, HOUSE CHARGE MODE, ETC.

### 1) DATE AND TIME ( CONTROL LOCK : P1 )

STEP KEY OPERATION

DISPLAY

1) [CLEAR] (1) [STRT]

|        |
|--------|
| DATE ? |
|        |

2) [SLCT]

|      |
|------|
| DATE |
|      |

3) [INPUT]

|      |
|------|
| DATE |
| 0    |

4) EX. Setting Date: MAY 10, 1998

(9)(8)(0)(5)(1)(0)

|        |
|--------|
| DATE   |
| 980510 |

\* Enter 2 digits each for year, month  
and day in that order.

|      |
|------|
| TIME |
| 0    |

5) [INPUT]

|      |
|------|
| TIME |
| 1350 |

6) Ex. Setting Time: PM 1:50

(1) (3) (5) (0)

|      |
|------|
| CSCN |
| 1    |

\* 24 hour system is used. Therefore,  
PM1:50 must be entered as 13:50.

\* enter 2 digits each for hour and  
minute in that order.

7) [INPUT]

### \*\* CONFIRMATION OF SETTING TIME \*\*

- \* Set the control lock at "R" position.
- \* Press the [RLS] [SUB TOTAL] Key , and  
Time is displayed.

|            |
|------------|
| TIME       |
| P 01-50-00 |

## 2) DEDUCTION RATE OR ADDING RATE [CONTROL LOCK: P1]

### A) DEDUCTION RATE (-%G)

### DISPLAY

STEP KEY OPERATION  
 1) [CLEAR] (4) [STRT]  
 2) [SLCT]  
 3) [INPUT]  
 4) Setting Reduction Rate  
 EX. 15%

|         |
|---------|
| % , N ? |
|         |

|     |
|-----|
| -%G |
|     |

(1) (5) (0) (0)

|     |   |
|-----|---|
| -%G | R |
| 0   |   |

5) [INPUT]

|      |   |
|------|---|
| -%G  | R |
| 1500 |   |

|     |   |
|-----|---|
| -%G | F |
| 00  | 0 |

### B) ADDING RATE (+%G)

STEP KEY OPERATION  
 1) [CLEAR] (4) [STRT]  
 2) [SLCT] [SLCT]  
 3) [INPUT]  
 4) Setting Adding Rate  
 EX. 10%

|         |
|---------|
| % , N ? |
|         |

|     |
|-----|
| +%G |
|     |

(1) (0) (0) (0)

|     |   |
|-----|---|
| +%G | R |
| 0   |   |

5) [INPUT]

|      |   |
|------|---|
| +%G  | R |
| 1000 |   |

|     |   |
|-----|---|
| +%G | F |
| 00  | 0 |

## 3) COMMERCIAL MESSAGE FOR PRINT ON THE RECEIPT PAPER

- \* Max. 5 lines in printing.
- \* 24 single or 12 double characters or combination in 1 line.
- \* Each double size character = 2 single spaces.
- \* 2 steps of 12 characters each are required for programming.

### A) EXAMPLE COMMERCIAL MESSAGE ON THE RECEIPT PAPER WITH "TOWA" DOUBLE SIZE

1st LINE  
 2nd LINE  
 3rd LINE  
 4th LINE  
 5th LINE

|                    |
|--------------------|
| BOUTIQUE TOWA      |
| Opening Sale       |
| ALL 20% - 40% OFF  |
| Small Gift Present |
| May 1 - May 31     |

B) PROGRAMMING OF COMMERCIAL MESSAGE ON THE RECEIPT PAPER  
(CONTROL LOCK: P1)

| STEP | KEY OPERATION   | DISPLAY   |
|------|---|-----------|
| 1)   | [CLEAR] (1) (0) [STRT]  |           |
| 2)   | [SLCT]  | LOGO ?    |
| 3)   | [INPUT]   |           |
| 4)   | (5)   |           |
| 5)   | [INPUT]   | LOGO      |
| 6)   | [CPTL LTTR] [B][O][U][T][I]<br>[Q][U][E][SPACE]               |           |
|      |   | LOGO      |
| 7)   | [INPUT]   | 0         |
| 8)   | [DBLE SIZE] [T][O][W][A]<br>[DBLE SIZE] [SPACE][SPACE][SPACE] | LOGO      |
|      |   | 5         |
| 9)   | [INPUT]   |           |
| 10)  | [CPTL LTTR] [O] [SMLL LTTR]<br>[P][E][N][I][N][G]             | HEADER    |
|      |   | L 1       |
| :    |   |           |
| :    | (PLEASE OPERATE SAME AS ABOVE)                                | BOUTIQUE  |
| :    |   | L 1       |
| :    |   |           |
| :    |   | MESSAGE 1 |
|      |   | R 1       |
|      |   |           |
|      |   | WTWOWWA   |
|      |   | R 1       |
|      |   |           |
|      |   | HEADER    |
|      |   | L 2       |
|      |   |           |
|      |   | Opening   |
|      |   | L 2       |

C) For the confirmation of the above programming,  
press;

[CLEAR] (1) (0) [STRT] [SLCT] [PRNT]

PRINTING EXAMPLE:

|   |   |            |   |
|---|---|------------|---|
|   |   | LOGO       |   |
|   |   |            | 5 |
| 1 | L | BOUTIQUE   |   |
| 1 | R | TOWA       |   |
| 2 | L | Opening    |   |
| 2 | R | Sale       |   |
| 3 | L | ALL 20%    |   |
| 3 | R | - 40% OFF  |   |
| 4 | L | Small Gift |   |
| 4 | R | Present    |   |
| 5 | L | May        |   |
| 5 | R | 1 - May 31 |   |

## 2-7. TRAINING MODE (NON-RECORDING)

This training mode is used to familiar with the cash register for inexperienced operator.

During operation in the TRAINING MODE, the register does not record at all. The letter of "TRAINING" is printed on the top of the receipt.

### [OPERATION PROCEDURE]

#### 1) HOW TO CHANGE TO "TRAINING MODE"

- 1-1. Set the control lock to "X1(T)" position.
- 1-2. Depress (9)(9)(9) [CHRG TEND] key.
- 1-3. "TRAINING START" is displayed.
- 1-4. Set the control lock to "R" position.

### RECEIPT

#### 2) EXAMPLE

##### STEP KEY OPERATION

- |    |            |             |
|----|------------|-------------|
| 1) | (3)        | [CVRS]      |
| 2) | (3)        | [Q/F]       |
| 3) | (1)(5)(00) | [DEP 1]     |
| 4) | (3)        | [Q/F]       |
| 5) | (3)(0)(00) | [DEP 2]     |
| 6) |            | [CASH TEND] |

| TRAINING        |        |  |
|-----------------|--------|--|
| COVERS          | 3      |  |
| 3Q              | @15.00 |  |
| White Shirt A I | 45.00  |  |
| 3Q              | @30.00 |  |
| White Shirt B I | 90.00  |  |
| TAX             | 6.08   |  |
| ITEM CT         | 6      |  |
| CASH            | 141.08 |  |

#### 3) HOW TO CHANGE TO NORMAL "REGISTER MODE".

- 3-1. Set the control lock to "X1(T)" position.
- 3-2. Depress (9)(9)(9) [CHRG TEND] key.
- 3-3. "TRAINING END" is displayed and the cash register is reset to the normal "REGISTER MODE".

### 3. REGISTRATION

POSITION OF CONTROL LOCK : " R "

When the cash register is operated in wrong way, buzzer sounds for two seconds and error message is displayed.  
When error occurred, depress "CLR" key to stop the sound and operate again correctly.

#### 3-1. EXAMPLE OF REGISTRATION AND RECEIPT

##### 3-1-1. SINGLE ITEM PRICE PRESET

EX.

STEP KEY OPERATION  
1) [DEP 10]

RECEIPT

\* In this case, single item (Gadgets) and unit price (US\$20.00) is programmed for department 10.

|                             |          |   |         |                                 |
|-----------------------------|----------|---|---------|---------------------------------|
|                             |          | <div style="border: 1px solid black; padding: 5px; width: fit-content;"> <p>YOUR RECEIPT</p> <p>Thank you<br/>Call again</p> </div> |         | Store Stamp                     |
|                             |          | <p>BOUTIQUE TOWA</p> <p>Opening Sale</p> <p>ALL 20% - 40% OFF</p> <p>Small Gift Present</p> <p>May 1 - May 31</p>                   |         | Commercial Message<br>(5 Lines) |
| Single Item<br>Preset Price | Gadgets  | 20.00   |         |                                 |
| Number of items             | ITEM CT  | 1   |         |                                 |
|                             | CASH     | 20.00   |         | Cash Tendered                   |
| Time                        | 2:20 AM  | CASHIERA  |         | Name of Clerk                   |
|                             | 01# 0001 | A   | 0-00-00 |                                 |
| Machine Number              |          |   |         |                                 |
| Consecutive number          |          |   |         |                                 |
|                             |          |   |         | Date                            |
|                             |          |   |         | Name of Clerk Key               |

(NOTE)

\* Entered sales price has priority to register over single item preset price.

\* "SINGLE ITEM PRICE PRESET" mode is released in the following case.

- 1) When [RLS] key was depressed before registration of the single item preset price.
- 2) When multiple sales items were registered before registration of the single item preset price.

\*\* Store stamp, commercial message, time, name of clerk, machine number, consecutive number, name of clerk key and date on the receipt sample will be omitted afterwards.\*\*

### 3-1-2. DEPARTMENT OF HIGH AMOUNT LOCK OUT.

EX.

1) (2)(0)(00)[DEP 10]

\* In this case, buzzer sounds because single item sale and high amount lock out of \$10.00 is programmed.

2) [CLR]

3) [RLS] (2)(0)(00) [DEP 10]

4) [CASH TEND]

|         |   |       |
|---------|---|-------|
| Gadgets |   | 20.00 |
| ITEM CT | 1 |       |
| CASH    |   | 20.00 |

\* If [RLS] key is depressed before registration, "HIGH AMOUNT LOCK OUT" mode is released and registration up to 8 digits number is possible.

### 3-1-3. PRICE ENTRY OF PLU

EX.

1) (1)(2)(0)(00) [PLU ENT]

2) (2) [PLU]

3) [CASH TEND]

\* If price of PLU is not programmed, price can be entered with [PLU ENT] key.

|             |   |        |
|-------------|---|--------|
| Tie Pin B I |   | 120.00 |
| TAX         |   | 7.20   |
| ITEM CT     | 1 |        |
| CASH        |   | 127.20 |

### 3-1-4. MULTIPLE SALE AND CHANGE

EX.

1) (3)(0)(00) [DEP 2]

2) (1)(3)(0)(00) [DEP 6]

3) [TOTL]

4) (2)(00)(00) [CASH TEND]

\* If cash tendered is short, error occurs.

\* By programming of the flag, the registration of the cash tendered is possible at any time.

|                 |   |        |
|-----------------|---|--------|
| White Shirt B I |   | 30.00  |
| Mans Pants B I  |   | 130.00 |
| TAX             |   | 7.20   |
| ITEM CT         | 2 |        |
| TOTAL           |   | 167.20 |
| CASH TO         |   | 200.00 |
| CHANGE          |   | 32.80  |

### 3-1-5. CHANGE COMPUTATION AFTER TRANSACTION

EX.

1) (1)(2)(0) [DEP 3]

2) (2)(3)(0) [DEP 3]

3) [CASH TEND]

4) (1)(0)(00) [CASH TEND]

\* In this case, transaction was finalized without cash tendered. However, By registering cash tendered, the change can be displayed. But the change is not issued on the receipt.

|                |   |      |
|----------------|---|------|
| Handkerchief I |   | 1.20 |
| Handkerchief I |   | 2.30 |
| TAX            |   | 0.16 |
| ITEM CT        | 2 |      |
| CASH           |   | 3.66 |

### 3-1-6. MULTIPLICATION, SPLIT PRICING AND REPEAT COMPUTATION

EX.

- 1) (5)[Q/F](1)(2)(00) [DEP 7]
- 2) (7)[Q/F](1)(0)[Q/F][DEP 1]
- 3) (6)(00) [DEP 3]
- 4) [DEP 3]
- 5) [DEP 3]
- 6) [CASH TEND]

\* Key operation of multiplication:  
(Quantity) x (Unit Price)

\* Unit price: Max. 8 digits can be registered.

\* Total number of registration: Max. 9 digits.

\* Registration of quantity:

Integer .. Max. 4 digits.

Decimal .. 2 digits.

\* Key operation of split pricing:

(Quantity of Split Sale)[Q/F](Quantity per Pack)[Q/F]

(Price per Pack) and then (DEPARTMENT) key or [PLU] key.

|                 |        |
|-----------------|--------|
| 5Q              | @12.00 |
| Socks I         | 60.00  |
| 7/ 10           | @20.00 |
| White Shirt A I | 14.00  |
| Handkerchief I  | 6.00   |
| Handkerchief I  | 6.00   |
| Handkerchief I  | 6.00   |
| TAX             | 4.14   |
| ITEM CT 15      |        |
| CASH            | 96.14  |

### 3-1-7. COVERS KEY

EX.

- 1) (3) [CVRS]
- 2) (3)[Q/F](1)(5)(00) [DEP 1]
- 3) (3)[Q/F](3)(0)(00) [DEP 2]
- 4) [CASH TEND]

\* At the beginning of registration,  
enter the guest number with [CVRS] key.

\* If the guest number is not entered,  
it is automatically registered as  
the guest number is only one person.

\* This key is used for covers report and  
remote printer.  
(Remote printer is optional parts)

|                 |        |
|-----------------|--------|
| COVERS          | 3      |
| 3Q              | @15.00 |
| White Shirt A I | 45.00  |
| 3Q              | @30.00 |
| White Shirt B I | 90.00  |
| TAX             | 6.08   |
| ITEM CT 6       |        |
| CASH            | 141.08 |

### 3-1-8. PLU KEY

EX.

- 1) (1) [PLU]
- 2) (4)(9)(4)(00)(4)(0)(3) [PLU]
- 3) [CASH TEND]

|              |        |
|--------------|--------|
| Tie Pin A II | 50.00  |
| Belt C II    | 150.00 |
| TAX          | 12.00  |
| ITEM CT 2    |        |
| CASH         | 212.00 |

\* Used to register the commodities as  
the assigned number.

\* PLU can be registered by the assigned number  
up to 16 digits.

(Please refer to the Programming Manual for  
the programming)

\* It is also possible to register by using the optional  
Bar Code Reader.



### 3-1-9. PLU ENTRY KEY

- \* Following is example how to change preset price of \$35.00 in PLU No.10 to the temporary price of \$33.00.

EX.

- 1) (1) [PLU]
- 2) (3)(3)(00) [PLU ENT]
- 3) (1)(0) [PLU]
- 4) [CASH TEND]

|              |       |
|--------------|-------|
| Tie Pin A II | 50.00 |
| Belt B II    | 33.00 |
| TAX          | 4.98  |
| ITEM CT 2    |       |
| CASH         | 87.98 |

### 3-1-10. SALES REGISTRATION OF NON-PROGRAMMED PLU

- \* Previously non-programmed bar code is also able to register by using the Bar Code Reader.

EX.

- 1) Scan Non-Programmed Bar Code
- 2) Enter the Unit Price  
(1)(00) [PLU ENT]
- 3) In case of multiple number,  
enter the quantity  
(5) [Q/F]
- 4) Enter the Department  
[DEP 3]
- 5) Enter [CASH TEND]

|          |      |
|----------|------|
| PRICE ?  |      |
|          | ,00  |
| DEPT ?   |      |
|          | 1,00 |
| DEPT ?   |      |
|          | 5    |
| DEPT 003 |      |
|          | 5.00 |
| CASH     |      |
|          | 5.00 |

- \* Receipt paper is normally printed out.
- \* Sales item is temporarily programmed by the above procedure. Therefore, the same procedure is not required from the next operation.
- \* The temporarily programmed items shall be formally programmed after finalization of the transaction. For the details, please refer the subject of "Programming of PLU" in the attached programming manual.
- \* The temporarily programmed items can be printed out by the following procedure.
  - a. set the control lock to "P1" position.
  - b. Put the programming overlay sheet on the keyboard.
  - c. Press the key as follows.

(3)[STRT][SLCT][PRNT]

- \* Code number of temporarily programmed items will be "FF". If it is programmed formally, change the code number to "0" or assigned number.

### 3-1-11. PRICE REDUCTION

#### EX. (A): REDUCTION WITH THE [-1] KEY

- 1) (3)(5)(0)(00) [DEP 8]
- 2) (4)(3)(0)(00) [DEP 4]
- 3) [SUB TOTL]
- 4) (8)(0)(00) [-]
- 5) [CASH TEND]

- \* Price reduction after subtotal can be registered.
- \* Price reduction for each item can be registered.
- \* If [RLS] key is entered in advance, price reduction can be registered up to "High Amount Lock Out".

|               |               |
|---------------|---------------|
| Mans Jacket I | 350.00        |
| Mans Suit I   | 430.00        |
| SUB-TL        | 780.00        |
| -1            | 80.00         |
| TAX           | 35.10         |
| ITEM CT       | 2             |
| <b>CASH</b>   | <b>735.10</b> |

#### EX. (B): REDUCTION WITH THE [-N] KEY

- 1) (2)(0)(00) [DEP 9]
- 2) (1)(00) [-N][DEP 9]
- 3) [DEP 5]
- 4) [CAH TEND]

- \* In this case, \$19.00 is registered in DEPT. 9 and \$1.00 is registered in the [-N] key.

|                |               |
|----------------|---------------|
| Neck Tie A I   | 20.00         |
| Neck Tie A I   | -N            |
|                | 1.00          |
| Mans Pants A I | 100.00        |
| TAX            | 5.36          |
| ITEM CT        | 2             |
| <b>CASH</b>    | <b>124.36</b> |

### 3-1-12. DISCOUNT RATE

#### EX. (A): DISCOUNT AFTER SUB-TOTAL

- 1) (1)(3)(0)(00) [DEPT 6]
- 2) (4) [PLU]
- 3) [SUB TOTL]
- 4) [-%G]
- (Discount percent rate is programmed)
- 5) [CASH TEND]

|                |               |
|----------------|---------------|
| Mans Pants B I | 130.00        |
| Tie Tack B II  | 150.00        |
| SUB-TL         | 280.00        |
| 15 -%G         | 42.00         |
| TAX            | 14.85         |
| ITEM CT        | 2             |
| <b>CASH</b>    | <b>252.85</b> |

#### EX. (B): DISCOUNT FOR EACH SINGLE ITEM

- KEY OPERATION
- 1) (2) [PLU]
- 2) (3)(5)(0)(00) [DEP 8]
- 3) (1)(0) [-%G]
- 4) (3) [PLU]
- 5) [CASH TEND]

- \* Entered percentage rate has a priority over the programmed discount rate.
- \* In this case, \$315.00 is registered in the department 8 because 10% of \$350.00 is discounted.
- \* Perform the same procedure for PLU registration by pressing the [-%G] key after [PLU] key.

|               |               |
|---------------|---------------|
| Tie Pin B II  | 150.00        |
| Mans Jacket I | 350.00        |
| 10 -%N I      | 35.00         |
| Tie Tack A II | 50.00         |
| TAX           | 26.18         |
| ITEM CT       | 3             |
| <b>CASH</b>   | <b>541.18</b> |

### 3-1-13. PREMIUM RATE

EX. 1) (3)(0)(00) [DEP 9]  
 2) [DEP 1]  
 3) (4) [PLU]  
 4) [SUB TOTL]  
 5) [%G]  
 (10% is programmed)  
 6) [CASH TEND]

- \* Both the premium of sub-total and that of each single item can be registered.
- \* Entered premium rate has a priority over the programmed premium rate.

|                 |               |
|-----------------|---------------|
| Neck Tie A I    | 30.00         |
| White Shirt A I | 20.00         |
| Tie Tack B II   | 150.00        |
| SUB-TL          | 200.00        |
| 10 %G           | 20.00         |
| TAX             | 11.25         |
| ITEM CT 3       |               |
| <b>CASH</b>     | <b>231.25</b> |

### 3-1-14. SALE ON CHARGE WITH [# / NS] KEY AND ERROR CORRECTION WITH [EC] KEY

EX. 1) (1)(2)(3)(4) [# / NS]  
 2) (4) [PLU]  
 3) [EC]  
 4) (5) [PLU]  
 5) [CHRG TEND]

- \* Error correction for the discount rate (-%) and premium rate (+%) is also possible.

|                  |              |
|------------------|--------------|
|                  | 1234#        |
| Tie Tack B II    | 150.00       |
| - VOID -         |              |
| Tie Tack B II    | 150.00       |
| Cuff Button A II | 50.00        |
| TAX              | 3.00         |
| ITEM CT 1        |              |
| <b>CHARG</b>     | <b>53.00</b> |

### 3-1-15. TENDERING WITH [x1000 TEND] KEY

EX. 1) (1)(2)(00) [DEP 1]  
 2) (6)(00) [DEP 3]  
 3) [TOTL]  
 4) (2) [x1000 TEND]  
 (\$20.00 is tendered)  
 5) [CASH TEND]

- \* Used for quick tendering.

|                 |              |
|-----------------|--------------|
| White Shirt A I | 12.00        |
| Handkerchief I  | 6.00         |
| TAX             | 0.81         |
| ITEM CT 2       |              |
| <b>TOTAL</b>    | <b>18.81</b> |
| CASH TD         | 20.00        |
| CHANGE          | 1.19         |

### 3-1-16. TENDERING WITH [x10000 TEND] KEY

EX. 1) (1)(5)(00) [DEP 1]  
 2) (8)(0)(00) [DEP 5]  
 3) [x10000 TEND]  
 (\$100.00 is tendered)  
 4) [CASH TEND]

- \* Used for quick tendering.
- \* If \$300.00 is tendered, press (3) [x10000 TEND] KEY.

|                 |              |
|-----------------|--------------|
| White Shirt A I | 15.00        |
| Mans Pants A I  | 80.00        |
| TAX             | 4.28         |
| ITEM CT 2       |              |
| <b>TOTAL</b>    | <b>99.28</b> |
| CASH TD         | 100.00       |
| CHANGE          | 0.72         |

### 3-1-17. TRANSACTION WITH [CHKS TEND] KEY

\* Used for payment by checks, coupon etc.)

EX. 1) (1)(3)(0)(00) [DEP 6]  
 2) (1) [PLU]  
 3) (2) [PLU]  
 4) (3)(0)(00) [DEP 10]  
 5) [TOTL]  
 6) (5)(00)(00) [CHKS TEND]

\* (Check \$500.00 is tendered for the sales)

|                |               |
|----------------|---------------|
| Mans Pants B I | 130.00        |
| Tie Pin A II   | 50.00         |
| Tie Pin B II   | 150.00        |
| Neck Tie B I   | 30.00         |
| TAX            | 19.20         |
| ITEM CT        | 4             |
| <b>TOTAL</b>   | <b>379.20</b> |
| CHECK TD       | 500.00        |
| CHANGE         | 120.80        |

### 3-1-18. [CARD 1][CARD 2][CARD 3][CARD 4] KEY

\* Used for Credit Card

EX. 1) (1)(3)(0)(00) [DEP 6]  
 2) (3) [PLU]  
 3) (3)(0)(00) [DEP 10]  
 4) [TOTL]  
 5) [CARD 1]

\* Paid by Credit Card programmed in [CARD 1] key.

\* Same operation is performed for the [CARD 2][CARD 3] and [CARD 4]

|                |               |
|----------------|---------------|
| Mans Pants B I | 130.00        |
| Tie Jack A II  | 50.00         |
| Neck Tie B I   | 30.00         |
| TAX            | 10.20         |
| ITEM CT        | 3             |
| <b>CARD1</b>   | <b>220.20</b> |

### 3-1-19. REGISTRATION WITH [SHFT 1][SHFT 2][SHFT 3] KEY

EX. 1) [SHFT 1] (8)(0)(00) [DEP 5]  
 2) [SHFT 2] (2)(2)(00) [DEP 7]  
 3) [SHFT 3](1)(3)(0)(00) [DEP 6]  
 4) [CASH TEND]

\* Department range of the shift key is as follows:

[SHFT 1] : 1 - 60 Departments  
 [SHFT 2] : 101 - 160 Departments  
 [SHFT 3] : 201 - 260 Departments

|                |               |
|----------------|---------------|
| Mans Pants A I | 80.00         |
| DEPT107        | 22.00         |
| DEPT206        | 130.00        |
| TAX            | 3.60          |
| ITEM CT        | 3             |
| <b>CASH</b>    | <b>235.60</b> |

### 3-1-20. RETURN REGISTRATION

EX. 1) [RET] [SHFT 1] [DEP 3]  
 2) [CASH TEND]

\* Please reconfirm the department and clerk I.D. before registration.

|                |              |
|----------------|--------------|
| RETURN         |              |
| Handkerchief I | 7.00         |
| TAX            | -0.32        |
| <b>CASH</b>    | <b>-7.32</b> |

### 3-1-21. BOTTLE RETURNING

EX. 1) (3)[Q/F](5)(0) [-2].  
2) [CASH TEND]

- \* 3 bottles, \$0.50 each are returned from the item programmed in the [-2] key.
- \* Key operation: Quantity x Price and then press "MINUS" key.

|      |       |
|------|-------|
| 30   | 00.50 |
| -2   | 1.50  |
| CASH | -1.50 |

### 3-1-22. VOID

#### A) VOID BEFORE FINALIZATION OF THE TRANSACTION

EX. 1) [DEP 2]  
2) (2)(0)(00) [DEP 9]  
3) (1) [PLU]  
4) [VOID] [DEP 2]  
(Sales item registered for [DEP 2]  
is cancelled)  
5) [CASH TEND]

- \* The word "- VOID -" is printed on the receipt.

|                 |       |
|-----------------|-------|
| White Shirt B I | 50.00 |
| Neck Tie A I    | 20.00 |
| Tie Pin A II    | 50.00 |
| - VOID -        |       |
| White Shirt B I | 50.00 |
| TAX             | 3.90  |
| ITEM CT 2       |       |
| CASH            | 73.90 |

#### B) VOID AFTER FINALIZATION OF THE TRANSACTION

Set the control lock to the "V" position and operate the same as the previous registration.

CONTROL LOCK : VOID

EX. 1) [DEP 2]  
2) (2)(0)(00) [DEP 9]  
3) (1) [PLU]  
4) [CASH TEND]

- \* Previously registered sales amounts are cancelled completely.
- \* The word "-FULL VOID-" is printed on the receipt.

|                 |        |
|-----------------|--------|
| - FULL VOID -   |        |
| White Shirt B I | 50.00  |
| Neck Tie A I    | 20.00  |
| Tie Pin A II    | 50.00  |
| TAX             | 6.15   |
| ITEM CT -3      |        |
| CASH            | 126.15 |

#### C) ALL CANCEL DURING OPERATION

EX. 1) (1)(5)(00) [DEP 1]  
2) (3)(8)(0) [DEP 3]  
3) (6)(9)(0) [DEP 1]  
4) [CAN]

- \* This is used to cancel all registered items during operation.
- \* For this function, special programming on the keyboard is required.

|                 |       |
|-----------------|-------|
| White Shirt A I | 15.00 |
| Handkerchief I  | 3.80  |
| White Shirt A I | 6.90  |
| *CANCEL*        |       |

### 3-1-23. RECEIVED ON ACCOUNT AND PAID OUT

#### A) RECEIVED ON ACCOUNT BY CASH

EX. 1) (1)(00)(00) [RA]  
 2) (2)(00)(00) [RA]  
 3) [CASH TEND]

|     |          |
|-----|----------|
| RA  | 100.00   |
| RA  | 200.00   |
| R/A | CA300-00 |

#### B) RECEIVED ON ACCOUNT BY CHECK

EX. 1) (2)(00)(00) [RA]  
 2) [CHKS TEND]

|     |          |
|-----|----------|
| RA  | 200.00   |
| R/A | CK200-00 |

#### C) RECEIVED ON ACCOUNT BY CREDIT CARD

EX. 1) (5)(00)(00) [RA]  
 2) [CARD 1]

|     |        |
|-----|--------|
| RA  | 500.00 |
| R/A | CARD   |
|     | 500.00 |

#### D) PAID OUT BY CASH

EX. 1) (5)(0)(00) [PO]  
 2) [CASH TEND]

|     |          |
|-----|----------|
| PO  | 50.00    |
| P/O | CA 50-00 |

#### E) PAID OUT BY CHECK

EX. 1) (5)(0)(00) [PO]  
 2) [CHKS TEND]

|     |          |
|-----|----------|
| PO  | 50.00    |
| P/O | CK 50-00 |

\* Paid out by using [CARD 1] - [CARD 4]  
 key is also possible.

### 3-1-24. REGISTRATION WITH [NTX][TX1] AND [TX2] KEY

EX. 1) [NTX](8)(00) [DEP 7]  
 2) [TX1](6)(0) [DEP 3]  
 3) [TX2] (5)(00) [PLU ENT] (8) [PLU]  
 4) [TOTL]  
 5) [x10000 TEND]  
 6) [CASH TEND]

|                |              |
|----------------|--------------|
| Socks          | 8.00         |
| Handkerchief I | 0.60         |
| Suspender B II | 5.00         |
| TAX            | 0.33         |
| ITEM CT        | 3            |
| <b>TOTAL</b>   | <b>13.93</b> |
| CASH TD        | 100.00       |
| CHANGE         | 86.07        |

### 3-1-25. REGISTRATION WITH [TXEX]

EX. 1) [DEP 1]  
 2) [DEP 1]  
 3) [DEP 3]  
 4) [TXEX]  
 5) [CASH TEND]

|                 |       |
|-----------------|-------|
| White Shirt A I | 20.00 |
| White Shirt A I | 20.00 |
| Handkerchief I  | 7.00  |
| TAX EX          | 47.00 |
| ITEM CT 3       |       |
| CASH            | 47.00 |

\* In this case, registered amount will be non-taxable

### 3-1-26. VARIOUS CASES OF ISSUING RECEIPT

#### A) ISSUING OF DOUBLE RECEIPT

\* RECEIPT ON-OFF SWITCH : ON

(1st receipt)

EX. 1) (7)(0)(00) [DEP 2]  
 2) (6)(00) [DEP 3]  
 3) (1) [PLU]  
 4) [CASH TEND]  
 (Issued the first receipt)  
 5) [SLIP]  
 (Issued the second receipt)

|                 |        |
|-----------------|--------|
| White Shirt B I | 70.00  |
| Handkerchief I  | 6.00   |
| Tie Pin A II    | 50.00  |
| TAX             | 6.42   |
| ITEM CT 3       |        |
| CASH            | 132.42 |

(2nd receipt)

#### \*NOTE\*

By setting the flag, the double receipt can be issued automatically without depressing the [SLIP] key.

|                 |        |
|-----------------|--------|
| White Shirt B I | 70.00  |
| Handkerchief I  | 6.00   |
| Tie Pin A II    | 50.00  |
| TAX             | 6.42   |
| ITEM CT 3       |        |
| CASH            | 132.42 |

#### B) ISSUING A RECEIPT OR STUB ONLY, WHEN REQUIRED

\* RECEIPT ON-OFF SWITCH : OFF

#### \*NOTE\*

Operation procedure is the same as above item A). But, The first receipt is not issued because the receipt on-off switch is set at "OFF" position.

EX. 1) (7)(0)(00) [DEP 2]  
 2) (6)(00) [DEP 3]  
 3) (1) [PLU]  
 4) [CASH TEND]  
 (The first receipt is not issued)

a) When SLIP is required,  
 5) [SLIP]

or

b) When STUB is required,  
 5) [STUB]

|                 |        |
|-----------------|--------|
| White Shirt B I | 70.00  |
| Handkerchief I  | 6.00   |
| Tie Pin A II    | 50.00  |
| TAX             | 6.42   |
| ITEM CT 3       |        |
| CASH            | 132.42 |

|      |        |
|------|--------|
| CASH | 132.42 |
|------|--------|

C) ISSUING BOTH A RECEIPT AND A STUB

RECEIPT ON-OFF SWITCH : ON

- EX. 1) (7)(0)(00) [DEP 2]  
 2) (6)(00) [DEP 3]  
 3) (1) [PLU]  
 4) [CASH TEND]  
 (a RECEIPT is issued)  
 5) [STUB]  
 (a STUB is issued)

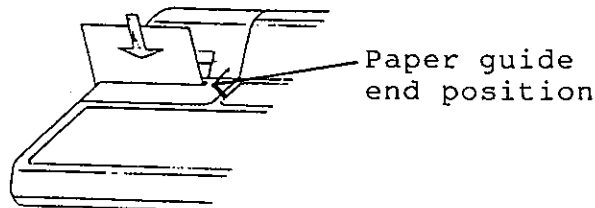
|                 |               |
|-----------------|---------------|
| White Shirt 8 I | 70.00         |
| Handkerchief I  | 6.00          |
| Tie Pin A II    | 50.00         |
| TAX             | 6.42          |
| ITEM CT 3       |               |
| <b>CASH</b>     | <b>132.42</b> |

**CASH : 132.42**

3-1-27. VALIDATION

- EX. 1) (7)(0)(00) [DEP 2]  
 2) (6)(00) [DEP 3]  
 3) (1) [PLU]  
 4) [CASH TEND]  
 5) Insert a validation paper straight into the validation entrance and insert the paper straight downward while guiding to the right end position.

|                 |               |
|-----------------|---------------|
| White Shirt 8 I | 70.00         |
| Handkerchief I  | 6.00          |
| Tie Pin A II    | 50.00         |
| TAX             | 6.42          |
| ITEM CT 3       |               |
| <b>CASH</b>     | <b>132.42</b> |



- 6) [PRINT]

01# 0038 A 0-00-00 CASH 132.42

\* If the receipt on-off switch is set at "OFF" position, Validation paper is only issued.

\*NOTE\*

- 1) The validation paper should be inserted after finalization of the transaction.
- 2) Use our designated validation paper.



### 3-2. PREVIOUS BALANCE (IN CASE OF CHARGE SALES)

(In this operation, all registered sales items are belong to the charge sales.)

\* Number of Programming:

Guest Number : Max. 6 digits  
Guest Name : Max. 12 characters

\* Memory capacity without expansion memory board:

- a) For total amount only : 504 guests
- b) For both items of charge sales and total amount:  
Max. 50 charge sales each for total 45 guests

(Optional expansion memory board is available for larger capacity)

Above a) or b) is selectable by programming of the Main Flag.

- \* If the amount tendered is less than the previous balance, it results an error. However, the previous balance can be carried forward by programming of the main flag.

\* EXAMPLE OF OPERATION \*

In this case, Main Flag 19, Position 1 = "1"

A. GUEST NO. : 201

GUEST NAME : LINDA

- 1) (2)(0)(1) [PBAL]
- 2) (2)[Q/F] [DEP 3]
- 3) [DEP 10]
- 4) [NBAL]

|                |   |       |
|----------------|---|-------|
| LINDA          |   |       |
| 201PB          |   | 0.00  |
| 2Q             |   | 07.00 |
| Handkerchief 1 |   | 14.00 |
| Neck Tie B 1   |   | 50.00 |
| TAX            |   | 2.88  |
| ITEM CT        | 3 |       |
| TOTAL          |   | 66.88 |
| NB             |   | 66.88 |

B. ADDITIONAL CHARGE SALES ON OTHER DAY

- 1) (2)(0)(1) [PBAL]
- 2) [DEP 4]
- 3) [DEP 3]
- 4) [NBAL]

|                |   |        |
|----------------|---|--------|
| LINDA          |   |        |
| 201PB          |   | 66.88  |
| Mans Suit 1    |   | 350.00 |
| Handkerchief 1 |   | 7.00   |
| TAX            |   | 16.07  |
| ITEM CT        | 2 |        |
| TOTAL          |   | 373.07 |
| NB             |   | 439.95 |

C. PERIODICAL CHARGE SALES REPORT

1) (2)(0)(1) [CHKS PRNT]

|                |         |
|----------------|---------|
| 201LINDA       |         |
| 30             | @7.00   |
| Handkerchief I | 21.00   |
| 10             | @50.00  |
| Neck Tie B I   | 50.00   |
| 10             | @350.00 |
| Mans Suit I    | 350.00  |
| TOTAL 439.95   |         |

\*Request payment for the guest

\* In case the previous balance is paid at the end of the month.

1) (2)(0)(1) [PBAL]  
2) [CASH TEND]

|       |        |
|-------|--------|
| LINDA |        |
| 201PB | 439.95 |
| CASH  | 439.95 |

\* In case the previous balance is carried forward.

1) (2)(0)(1) [PBAL]  
[NBAL]

|       |        |
|-------|--------|
| LINDA |        |
| 201PB | 439.95 |
| TOTAL | 0.00   |
| NB    | 439.95 |

### 3-3. BAR-RESTAURANT MODE AND [CLK ID], [CKPD] KEY

[NOTE: PLEASE REFER PROGRAMMING MANUAL FOR BAR-RESTAURANT MODE]

#### \* Number of Programming.

Number of clerk I.D. : Max 6 digits each

Name of clerk I.D. : Max 8 characteres each

#### EX.

\* MAIN FLAG 19, POSITION 1 = "0"

\* CLERK I.D. NO. : 1001 CLERK I.D. NAME: HELEN

\* GUEST NO. : 201 GUEST NAME : LINDA

- 1) (1)(0)(0)(1) [CLK ID]
- 2) (2)(0)(1) [PBAL]
- 3) [DEP 1]
- 4) [DEP 2]
- 5) [NBAL]

|            |        |
|------------|--------|
| HELEN      |        |
| LINDA      |        |
| 201PB      | 0.00   |
| DINNER A I | 50.00  |
| DINNER B I | 45.00  |
| SRUCH      | 9.50   |
| TAX        | 5.23   |
| ITEM CT    | 2      |
| TOTAL      | 109.73 |
| NB         | 109.73 |

#### \*\* ADDITIONAL ORDER

- 1) (2)(0)(1) [PBAL]
- 2) [DEP 7]
- 3) [DEP 9]
- 4) [NBAL]

|                |        |
|----------------|--------|
| HELEN          |        |
| LINDA          |        |
| 201PB          | 109.73 |
| COFFEE I       | 2.00   |
| ORANGE JUICE I | 2.50   |
| SRUCH          | 0.45   |
| TAX            | 0.25   |
| ITEM CT        | 2      |
| TOTAL          | 5.20   |
| NB             | 114.93 |

#### \*\* ADDING UP AND PAID OUT

- 1) (2)(0)(1) [CKPD]
- 2) [CARD 1]

|         |        |
|---------|--------|
| HELEN   |        |
| LINDA   |        |
| 201CKPD | 114.93 |
| CARD1   | 114.93 |

### 3-4. TRANSACTION [HOLD] KEY

EX.

- 1) (1)(0) [PLU]
- 2) (7) [PLU]

\* At this point, The guest leaves for a while.

- 3) [HOLD]

\* When the [HOLD] key is depressed, the mark of "HOLD" lights on.  
 \* When the [HOLD] key is depressed, The receipt paper is once jump-cut and registration for the next waiting customer can be operated.

(START OF REGISTRATION FOR NEXT CUSTOMER)

- 4) (2)(0)(00) [DEP 10]
- 5) (1)(5)(00) [DEP 1]
- 6) [CASH TEND]

\* When the former customer returns, depress the [HOLD] key again.

- 7) [HOLD]
- 8) (2)(0)(00) [DEP 9]
- 9) [CASH TEND]

\* If the [SLIP] key is depressed just after registration of [CASH TEND] key, All sales items (both before and after HOLD) can be issued on one receipt paper.

|                |        |
|----------------|--------|
| Belt B II      | 150.00 |
| Suspender A II | 10.00  |
| HOLDST         | 160.00 |

|                 |       |
|-----------------|-------|
| Neck Tie B I    | 20.00 |
| White Shirt A I | 15.00 |
| TAX             | 1.58  |
| ITEM CT         | 2     |
| CASH            | 36.58 |

|              |        |
|--------------|--------|
| HOLDST       | 160.00 |
| Neck Tie A I | 20.00  |
| TAX          | 10.50  |
| ITEM CT      | 3      |
| CASH         | 190.50 |

|                |        |
|----------------|--------|
| Belt B II.     | 150.00 |
| Suspender A II | 10.00  |
| Neck Tie A I   | 20.00  |
| TAX            | 10.50  |
| ITEM CT        | 3      |
| CASH           | 190.50 |

(NOTE)

During operation of the previous balance, registration with [HOLD] key results an error.

### 3-5. SLIP PRINTER (GUEST CHECK PRINTER)

#### A) Flag selectable function

\* Connected with slip printer : Main Flag 2, Position 5 = "1"  
(If slip printer operation is required, the flag must be set at "1")

\* Slip compulsory : Main Flag 2, Position 6 = "1"

\* Compulsory check endorsement: Main Flag 7, Position 1 = "1"

Endorsement style No.1 = Main Flag 7, Position 5 = "0"

Endorsement style No.2 = Main Flag 7, Position 5 = "1"

Back feed line number to the print start

on Personal Check for Endorsement Style No. 2 =

Main Flag 26 = 01 ... 99

(Standard setting No. = 2)

\* Time Print                    YES                : Main Flag 14, Position 3 = "0"  
                                 NO                : Main Flag 14, Position 3 = "1"

\* Date Line Print            YES                : Main Flag 20, Position 4 = "0"  
                                 NO                : Main Flag 20, Position 4 = "1"

\* PBAL Line Print            YES                : Main Flag 20, Position 5 = "0"  
                                 NO                : Main Flag 20, Position 5 = "1"

\* Item Line Print            YES                : Main Flag 20, Position 6 = "0"  
                                 NO                : Main Flag 20, Position 6 = "1"

\* Initial Line Number for feeding before the printing  
can be programmed : Main Flag 22 = 01 ... 99  
(This number must be less than total number of line)

\* Total Number of Line on Slip Paper including  
above Initial Line Find Number:  
Main Flag 23 = 01 ... 99  
(This number must be larger than initial line find number)

\* Buffered Guest/Non-Buffered Guest with Automatic Line Find.  
Buffered Guest Mode : Main Flag 19, Position 3 = "1"  
(Guest Data shall be retained in the memory)

Non-Buffered Guest Mode: Main Flag 19, Position 3 = "0"  
(Only NBAL and Tax/Taxable amount shall be memorized)

Automatic Line Find:

YES : Main Flag 20, Position 3 = "1"  
NO : Main Flag 20, Position 3 = "0"

#### \*\* VALIDATION \*\*

Validation of ITEM, TOTAL, R/A and P/O can be executed by  
depressing the [PRINT] key so that print on Slip Paper.

Line Feed Number before Validation Print

can be programmed : Main Flag 27 = 01 ... 99

## B) OPERATION

### 1. Without Guest Operation

- 1) (1)(00)(1) [CLK ID]
- 2) [DEP 1]
- 3) [DEP 2]
- 4) [CASH TEND]

- \* depress [SLIP] key after [CASH TEND] key or insert Guest Check before depressing [CASH TEND] key.
- \* If total validation is required, depress [PRNT] key.

### EX. SLIP PRINT

|            |        |         |
|------------|--------|---------|
| HELEN      |        |         |
| DINNER A I | 50.00  |         |
| DINNER B I | 45.00  |         |
| SRUCH      |        | 9.50    |
| TAX        |        | 5.23    |
| ITEM CT    | 2      |         |
| CASH       | 109.73 |         |
| 01#        | A      | 0-00-00 |

### 2. With Guest Operation

#### 2-1. Non-Buffered Guest with Automatic Line Find Mode.

- \* This Guest Operation is executed in the following Main Flag Mode.

Bar-Restaurant Mode : Main Flag 19, position 1 = "0"  
 Non-Buffered Guest Mode: Main Flag 19, position 3 = "0"  
 Automatic Line Find : Main Flag 20, position 3 = "1"  
 Date Line Not Print : Main Flag 20, position 4 = "1"  
 Tax Automatic Calculation  
 at [NBAL] key : Main Flag 15, position 4 = "1"

#### \* 1ST ORDER \*

- 1) (1)(00)(1) [CLK ID]
- 2) (2)(0)(1) [PBAL]
- 3) [DEP 2]
- 4) [DEP 7]
- 5) [NBAL]

- \* Depress [SLIP] key after [NBAL] key or insert Guest Check before [NBAL] key.
- \* If Slip Compulsory Flag (Main Flag 2-6) is "1", Guest check must be inserted before [NBAL] key.

|            |       |      |
|------------|-------|------|
| HELEN      |       |      |
| LINDA      | 201PB | 0.00 |
| DINNER B I | 45.00 |      |
| COFFEE I   | 2.00  |      |
| SRUCH      |       | 4.70 |
| TAX        |       | 2.59 |
| ITEM CT    | 2     |      |
| TOTAL      | 54.29 |      |
| NB         | 54.29 |      |

#### \* 2ND ORDER \*

- 1) (2)(0)(1) [PBAL]
- 2) [DEP 1]

- \* If the Item Validation of above Department 1 is required, insert Check and depress [PRNT] key.

- 3) [DEP 9]
- 4) [NBAL]

- \* Slip operation is the same as that of 1st order.
- \* Clerk-ID operation is not required from 2nd order.

|            |       |           |
|------------|-------|-----------|
| HELEN      |       |           |
| DINNER A I | 50.00 |           |
| 01#        | 0014  | A 0-00-00 |

|                |        |      |
|----------------|--------|------|
| HELEN          |        |      |
| LINDA          | 201PB  | 0.00 |
| DINNER B I     | 45.00  |      |
| COFFEE I       | 2.00   |      |
| SRUCH          |        | 4.70 |
| TAX            |        | 2.59 |
| ITEM CT        | 2      |      |
| TOTAL          | 54.29  |      |
| NB             | 54.29  |      |
| 201PB          |        |      |
| DINNER A I     | 50.00  |      |
| ORANGE JUICE I | 2.50   |      |
| SRUCH          |        | 5.25 |
| TAX            |        | 2.89 |
| ITEM CT        | 2      |      |
| TOTAL          | 60.64  |      |
| NB             | 114.93 |      |

\* CHECK-OUT \*

- 1) (2)(0)(1) [CKPD]  
(Check-Paid)
- 2) [CARD 1]

- \* Slip operation is the same as that of 1st order.
- \* If Total Validation is required, insert Check and depress [PRNT] key.

EX. SLIP PRINT

|                |            |
|----------------|------------|
| HELEN          |            |
| LINDA          | 201PB 0.00 |
| DINNER B I     | 45.00      |
| COFFEE I       | 2.00       |
| SRVCH          | 4.70       |
| TAX            | 2.59       |
| ITEM CT 2      |            |
| TOTAL          | 54.29      |
| NB             | 54.29      |
| 201PB          | 54.29      |
| DINNER A I     | 50.00      |
| ORANGE JUICE I | 2.50       |
| SRVCH          | 5.25       |
| TAX            | 2.89       |
| ITEM CT 2      |            |
| TOTAL          | 60.64      |
| NB             | 114.93     |
| 201CKPD        | 114.93     |
| *TAX*          | 5.48       |
| NET *          | 109.45     |
| CARD1          | 114.93     |
| 01#            | A 0-00-00  |

2-2. Buffered Guest Mode

\*This Guest Operation is executed in the following Main Flag Mode.

|                           |                                  |
|---------------------------|----------------------------------|
| Bar-Restaurant Mode       | : Main Flag 19, position 1 = "0" |
| Buffered Guest Mode       | : Main Flag 19, position 3 = "1" |
| Automatic Line Find       | : Main Flag 20, position 3 = "1" |
| Date Line Not Print       | : Main Flag 20, position 4 = "1" |
| Tax Automatic Calculation |                                  |
| at [NBAL] key             | : Main Flag 15, position 4 = "1" |

\* 1ST ORDER \*

- 1) (1)(00)(1) [CLK ID]
- 2) (2)(0)(1) [PBAL]  
(Table Number)
- 3) [DEP 2]
- 4) [DEP 7]
- 5) [NBAL]

\* 2ND ORDER \*

- 1) (2)(0)(1) [PBAL]
- 2) [DEP 1]
- 3) [DEP 9]
- 4) [NBAL]

\* CHECK OUT \*

Insert a New Guest Check  
and then

1) (2)(0)(1) [CHKS PRNT]

\* When [CHKS PRNT] key is depressed,  
all retained items and total amount  
per the Guest are printed on the  
New Guest check.

\* If the guest requires additional  
order at this point, it can be  
registered after the above guest  
check Print Operation.

\* When the guest requires Check-Out  
at this point (after finalization of  
additional order), the Check-Out  
operation is as follows;

1) (2)(0)(1) [CKPD]

(Check-Paid)

2) [CARD 1]

\* Depress [SLIP] key after  
[CARD 1] key or insert the  
Guest Check before registration  
of [CARD 1] key.

EX. SLIP PRINT

|                |           |
|----------------|-----------|
| HELEN          |           |
| 201LINDA       |           |
| 1Q             | 045.00    |
| DINNER B I     | 45.00     |
| 1Q             | 02.00     |
| COFFEE I       | 2.00      |
| 1Q             | 050.00    |
| DINNER A I     | 50.00     |
| 1Q             | 02.50     |
| ORANGE JUICE I | 2.50      |
| SRVCH          | 9.95      |
| TAX            | 5.48      |
| TOTAL 114.93   |           |
| 01#            | A 0-00-00 |

EX. SLIP PRINT

|                |           |
|----------------|-----------|
| HELEN          |           |
| 201LINDA       |           |
| 1Q             | 045.00    |
| DINNER B I     | 45.00     |
| 1Q             | 02.00     |
| COFFEE I       | 2.00      |
| 1Q             | 050.00    |
| DINNER A I     | 50.00     |
| 1Q             | 02.50     |
| ORANGE JUICE I | 2.50      |
| SRVCH          | 9.95      |
| TAX            | 5.48      |
| TOTAL 114.93   |           |
| 01#            | A 0-00-00 |
| 201CKPD 114.93 |           |
| *TAX*          | 5.48      |
| NET *          | 109.45    |
| CARD1 114.93   |           |
| 01#            | A 0-00-00 |



### 3-6. RESTAURANT TICKET MODE

- \* Restaurant Ticket Mode : Main Flag 3, Position 2 = "1"
- \* Large Size Ticket Mode : Main Flag 21, Position 5 = "0"
- \* Small Size Ticket Mode : Main Flag 21, Position 5 = "1"

(TICKET ISSUING FLAG OF DEPARTMENT AND PLU)

- a) No-Ticket : Flag 3, Position 1 ... 0  
Flag 3, Position 2 ... 0
- b) Double Ticket (Food Item) : Flag 3, Position 1 ... 1  
Flag 3, Position 2 ... 0
- c) Single Ticket (Drink Item): Flag 3, Position 1 ... 0  
Flag 3, Position 2 ... 1

\* This flag is available for both large and small size ticket.

(OPERATION)

- 1) (1)(0)(0)(1) [CLK ID]
- 2) (2)(0)(1) [PBAL]
- 3) [DEP 1]  
(Food item double ticket)
- 4) [DEP 7]  
(Drink item single ticket)
- 5) [NBAL]

\*Example of Samll size ticket\*

|                    |           |
|--------------------|-----------|
| RESTAURANT TOWA    |           |
| OPENING SALE       |           |
| ALL 20% - 40% OFF  |           |
| SMALL GIFT PRESENT |           |
| MAY 1 - MAY 31     |           |
| HELEN              |           |
| LINDA              |           |
| 201PB              | 0.00      |
| DINNER A I         | 50.00     |
| COFFEE I           | 2.00      |
| SRVCH              | 5.20      |
| TAX                | 2.86      |
| ITEM CT 2          |           |
| TOTAL              | 60.06     |
| NB                 | 60.06     |
| CASHIERA           |           |
| 01#                | A 0-00-00 |

---

|          |         |
|----------|---------|
| 1Q       | 50.000  |
| DINNER A |         |
| 7:00 PM  | ( 2 )   |
| 01# 0061 | 0-00-00 |
| 0061 A - | 1       |

---

|          |         |
|----------|---------|
| 1Q       | 2.000   |
| COFFEE   |         |
| 7:00 PM  | ( 2 )   |
| 01# 0061 | 0-00-00 |
| 0061 A - | 2       |

---

|                |         |
|----------------|---------|
| 1Q             | 50.000  |
| DINNER A       |         |
| 7:00 PM        | ( 2 )   |
| 01# 0061       | 0-00-00 |
| ***0061*AX***1 |         |

Example of  
Large size ticket

|                    |           |
|--------------------|-----------|
| RESTAURANT TOWA    |           |
| OPENING SALE       |           |
| ALL 20% - 40% OFF  |           |
| SMALL GIFT PRESENT |           |
| MAY 1 - MAY 31     |           |
| HELEN              |           |
| LINDA              |           |
| 201PB              | 0.00      |
| DINNER A I         | 50.00     |
| COFFEE I           | 2.00      |
| SRVCH              | 5.20      |
| TAX                | 2.86      |
| ITEM CT 2          |           |
| TOTAL              | 60.06     |
| NB                 | 60.06     |
| CASHIERA           |           |
| 01#                | A 0-00-00 |

---

|                    |         |
|--------------------|---------|
| RESTAURANT TOWA    |         |
| OPENING SALE       |         |
| ALL 20% - 40% OFF  |         |
| SMALL GIFT PRESENT |         |
| MAY 1 - MAY 31     |         |
| 1Q                 | 50.000  |
| DINNER A           |         |
| 6:58 PM            | ( 2 )   |
| 01# 0059           | 0-00-00 |
| 0059 A -           | 1       |

---

|          |         |
|----------|---------|
| 1Q       | 50.000  |
| DINNER A |         |
| 6:58 PM  | ( 2 )   |
| 01# 0059 | 0-00-00 |
| 0059 A - | 1       |

---

|                    |         |
|--------------------|---------|
| RESTAURANT TOWA    |         |
| OPENING SALE       |         |
| ALL 20% - 40% OFF  |         |
| SMALL GIFT PRESENT |         |
| MAY 1 - MAY 31     |         |
| 1Q                 | 2.000   |
| COFFEE             |         |
| 6:58 PM            | ( 2 )   |
| 01# 0059           | 0-00-00 |
| 0059 A -           | 2       |

### 3-7. RESTAURANT DOUBLE RECEIPT WITH CONDIMENT KEY

- \* Main Flag : 16 , Position 8 = "1"  
(Print Double Size Consecutive # on the receipt)
- \* The condiment name is not printed when [COND #] key is depressed.
- \* The condiment name is printed before the department name, if the department key is depressed.
- \* The entered condiment items can be cancelled by [CLR] key, if the key is depressed before the department key.

#### EX. PRESET :

```

Condiment #1 ... "CONSOMME"
Condiment #2 ... "POTAGE"
Condiment #3 ... "RARE"
Condiment #4 ... "MEDIUM"
Condiment #6 ... "HOT"

Department 1 ... "DINNER A"
Department 7 ... "COFFEE"

```

#### OPERATION:

- 1) (1)(00)(1) [CLK ID]
- 2) (2)(0)(1) [PBAL]
- 3) (1) [COND #]
- 4) (3) [COND #]
- 5) [DEP 1]
- 6) (2) [COND #]
- 7) (4) [COND #]
- 8) [DEP 1]
- 9) (6) [COND #]
- 10) [DEP 7]
- 11) [DEP 7]
- (Repeat)
- 12) [NBAL]

#### 1st Receipt

```

HELEN
LINDA
201PB 0.00
CONSOMME
RARE
DINNER A I 50.00
POTAGE
MEDIUM
DINNER A I 50.00
HOT
COFFEE I 2.00
HOT
COFFEE I 2.00
SRVCH 10.40
TAX 5.72
ITEM CT 4
TOTAL 120.12
NB 120.12
CASHIERA
01# A 0-00-00

```

#### 2nd Receipt

```

HELEN
LINDA
201PB 0.00
CONSOMME
RARE
DINNER A I 50.00
POTAGE
MEDIUM
DINNER A I 50.00
HOT
COFFEE I 2.00
HOT
COFFEE I 2.00
SRVCH 10.40
TAX 5.72
ITEM CT 4
TOTAL 120.12
NB 120.12
CASHIERA
01# A 0-00-00

```

- \* The direct entered CONDIMENT key can be operated instead of the [COND #] key.

### 3-8. CHECK ENDORSEMENT

\* Compulsory Check Endorsement Mode: Main Flag 7,  
Position 1 = "1"

\* 2 kinds of Printing Style is available.

A) Style 1 : Main Flag 7, Position 5 = "0"

Programmable  
endorsement  
message

ENDORSMENT 1  
ENDORSMENT 2  
ENDORSMENT 3

CHECK 57.75  
01# 0002 A 0-00-00

Total check  
Amount

B) Style 2 : Main Flag 7, Position 5 = "1"

FF : Programmable  
monetary kind  
symbol  
FF57.75xx  
\*\* : Traillor  
symbol

FF57.75xx

Programmable  
endorsement  
message

ENDORSMENT 1  
ENDORSMENT 2  
ENDORSMENT 3

0-00-00

Total check  
Amount

\* The monetary kind symbol is 124th transaction  
word ( FF\*\* ) which can be changeable at "PGM 2"

\* Back Feed Line Number to the start position of print  
on the Personal Check for endorsement style 2 :

Main Flag 26 = 01 ... 99  
(Standard Setting Number = 2)

### 3-9. CASH DECLARATION

\* Cash declaration can be operated before the issuing of Z1 Reset Full Report ( by [CASH TEND] key) and Individual Cashier Report ( by [SUB TOTL] key ).

\* Compulsory Cash Declaration: Main Flag 4,  
Position 1 = "1"

### EX. OPERATION

- 1st : Drawer is opened by depressing [EC] key  
2nd : Count coins and bills in the drawer  
3rd : Enter count number as follows:

|    | count # |     | monetary unit |             |
|----|---------|-----|---------------|-------------|
| 1) | 39      | [X] | 1             | [RA]        |
| 2) | 33      | [X] | 10            | [RA]        |
| 3) | 21      | [X] | 100           | [RA]        |
| 4) | 15      | [X] | 500           | [RA]        |
| 5) | 31      | [X] | 1000          | [RA]        |
| 6) | 11      | [X] | 5000          | [RA]        |
| 7) | 11      | [X] | 10000         | [RA]        |
| 8) |         |     |               | [CASH TEND] |

|                          |          |
|--------------------------|----------|
| *** Z 1 ***              |          |
| *** CASH DECLARATION *** |          |
| 39Q                      | 0.01     |
|                          | 0.39     |
| 33Q                      | 0.10     |
|                          | 3.30     |
| 21Q                      | 1.00     |
|                          | 21.00    |
| 15Q                      | 5.00     |
|                          | 75.00    |
| 31Q                      | 10.00    |
|                          | 310.00   |
| 11Q                      | 50.00    |
|                          | 550.00   |
| 11Q                      | 100.00   |
|                          | 1,100.00 |
| <hr/>                    |          |
| TOTAL                    | 2,059.69 |
| 2,059.69                 | -1.22    |
|                          | -1.22    |

|              |          |
|--------------|----------|
| FULL REPORT  |          |
| DINNER A     | 34Q      |
|              | 1,700.00 |
| DINNER B     | 16Q      |
|              | 720.00   |
| COFFEE       | 22Q      |
|              | 44.00    |
| ORANGE JUICE | 12Q      |
|              | 30.00    |
| SHIFT 1      | 84Q      |
|              | 2,494.00 |
| DEPT TTL     | 84Q      |
|              | 2,494.00 |
| TXBL-1       | 2,494.00 |
|              | 43N      |
| TAX-1        | 137.28   |
| TOTAL        | 2,871.18 |
| GROSS        | 2,871.18 |
|              | 28N      |
| NET TL       | 2,751.06 |
|              | 21N      |
| CASH         | 2,060.91 |
|              | 2N       |
| CHECK        | 115.50   |
|              | 5N       |
| CARD*        | 574.65   |
|              | 42N      |

|               |          |
|---------------|----------|
| SRUCH         | 239.90   |
| 5N            |          |
| NOSALE        | 0.00     |
| CAID          | 2,060.91 |
| CKID          | 115.50   |
| CARD1         | 574.65   |
|               | 44N      |
| FB            | 1,783.75 |
|               | 64N      |
| NB            | 2,305.22 |
| CKPD          | 2,185.10 |
| CKUNPD        | 120.12   |
| RPRT CNT 0001 |          |
| NRGT          | 2,871.18 |
| <hr/>         |          |
| DAVID         |          |
|               | 28N      |
| NET TL        | 2,751.06 |
| TAX           | 137.28   |
| NET *         | 2,619.50 |
| CAID          | 2,060.91 |
| CKID          | 115.50   |
| CDID          | 574.65   |
| NEAL          | 2,305.22 |
| CKPD          | 2,185.10 |
| BEGUN         | 21N      |
| FINISH        | 20N      |
|               | DAVID    |
| 01# 0001 A    | 0-00-00  |

### 3-10. VARIOUS CORRECTIONS AND RETURNS

- \* [CLR] KEY : Used to correct mistakenly entered value before registration of a department key. Used to release an error.
- \* [EC] KEY : Used to correct amount which is registered just before finalization of the transaction.
- \* [VOID] KEY : Used to cancell registered items.
- \* [RET] KEY : Used to register returned merchandizes.
- \* [-2] KEY : Used for registration of bottle returns etc.
- \* CONTROL LOCK [VOID] POSITION:  
Used when an error registration is found after finalization of the transaction.  
Set the control lock to the [V] position and proceed the same operation again.

#### 4. REPORT

##### 4-1. OPERATION FOR ISSUING A REPORT

| No.  | Contents                        | Control Lock |    |    |    | Cashier<br>Key | Operation                                |
|--|---------------------------------|--------------|----|----|----|----------------|--|
|  |                                 | X1           | Z1 | X2 | Z2 |                |  |
| 1.   | Sale of Individual Dept.        | X            |    | X  |    | A              | (1)[DEP1](2)[DEP1]...<br>...[CASH TEND]  |
| 2.   | Sale of SHIFT 1 Dept.           | X            |    | X  |    | A              | [SHFT 1][DEP1]                           |
| 3.   | Sale of SHFIT 2 Dept.           | X            |    | X  |    | A              | [SHFT 2][DEP1]                           |
| 4.   | Sale of SHIFT 3 Dept.           | X            |    | X  |    | A              | [SHFT 3][DEP3]                           |
| 5.   | Sale of Individual Dept. Groups | X            |    | X  |    | A              | [Q/F] ( ) ( ) [DEP1]<br>{Group No.}      |
| 6.   | Sale of All Depts. Groups.      | X            |    | X  |    | A              | [Q/F][DEP1]                              |
| 7.   | Sale of ALL DEPTS.              | X            |    | X  |    | A              | [RLS][DEP1]                              |
| (NOTE: Any other voluntary department key is useable instead of above [DEP 1] KEY. |                                 |              |    |    |    |                |  |
| 8.   | Sale of Individual PLU          | X            |    | X  |    | A              | (1)[PLU](2)[PLU]....<br>...[CASH TEND]   |
| 9.   | Sale of Individual Group 1 PLU  | X            |    | X  |    | A              | (1)[Q/F]( )( ) [PLU]<br>{Group No.}      |
| 10.  | Sale of Individual Group 2 PLU  | X            |    | X  |    | A              | (2)[Q/F]( )( ) ( ) [PLU]<br>{Group No.}  |
| 11.  | Sale of All Groups 1 PLU        | X            |    | X  |    | A              | (1)[Q/F][PLU]                            |
| 12.  | Sale of All Groups 2 PLU        | X            |    | X  |    | A              | (2)[Q/F][PLU]                            |
| 13.  | Sale of All PLUs                | X            | X  | X  | X  | A              | [RLS][PLU]                               |
| 14.  | Inventory of Individual Dept.   | X            |    |    |    | B              | (1)[DEP1](2)[DEP1] ...<br>...[CASH TEND] |
| 15.  | Inventory of SHIFT 1 Dept.      | X            |    |    |    | B              | [SHFT 1][DEP1]                           |
| 16.  | Inventory of SHIFT 2 Dept.      | X            |    |    |    | B              | [SHFT 2][DEP1]                           |
| 17.  | Inventory of SHIFT 3 Dept.      | X            |    |    |    | B              | [SHFT 3][DEP1]                           |

| No. | Contents                            | Control Lock |    |    |    | Cashier<br>Key | Operation   |
|-----|-------------------------------------|--------------|----|----|----|----------------|---|
|     |                                     | X1           | Z1 | X2 | Z2 |                |   |
| 18. | Inventory of Individual Dept. Group | X            |    |    |    | B              | [Q/F] ( ) ( ) [DEP1]<br>{Group No.}                 |
| 19. | Inventory of All Dept. Groups.      | X            |    |    |    | B              | [Q/F][DEP1]   |
| 20. | Inventory of ALL Depts.             | X            | X  |    |    | B              | [RLS][DEP1]   |
| 21. | Inventory of Individual PLU         | X            |    |    |    | B              | (1)[PLU](2)[PLU]...<br>..[CASH TEND]                |
| 22. | Inventory of Individual GROUP 1 PLU | X            |    |    |    | B              | (1)[Q/F] ( ) ( ) [PLU]<br>{Group No.}               |
| 23. | Inventory of Individual GROUP 2 PLU | X            |    |    |    | B              | (2)[Q/F/]( ) ( ) ( ) ( ) [PLU]<br>{Group No.}       |
| 24. | Inventory of All GROUP 1 PLUs       | X            |    |    |    | B              | (1)[Q/F][PLU]                                       |
| 25. | Inventory of All GROUP 2 PLUs       | X            |    |    |    | B              | (2)[Q/F][PLU]                                       |
| 26. | Inventory of All PLU                | X            | X  |    |    | B              | [RLS][PLU]  |
| 27. | Report of Individual Cashier        | X            | X  | X  |    | A-P            | [SUB TOTL]  |
| 28. | Report of all Cashiers              | X            | X  | X  | X  | A-P            | [RLS][SUB TOTL]                                     |
| 29. | Report of Individual Clerk          | X            | X  | X  |    | A-P            | ( ) ( ) ( ) ( ) ( ) ( )..<br>{Clerk No.} [CLERK ID] |
| 30. | Report of All Clerks                | X            | X  | X  | X  | A-P            | [RLS][CLERK ID]                                     |
| 31. | Individual Guest/ Previous Balance  | X            | X  |    |    | A-P            | ( ) ( ) ( ) ( ) ( ) ( ) [PBAL]<br>{Guest No.}       |
| 32. | All Guests/ Previous Balance        | X            | X  |    |    | A-P            | [RLS][PBAL]   |
| 33. | Full Report (Dept. & Transaction)   | X            | X  | X  | X  | A-P            | [CASH TEND]   |
| 34. | Hourly Net Sales                    | X            | X  | X  | X  | A-P            | [CARD 1]  |
| 35. | Transaction Reports                 | X            |    | X  |    | A-P            | [CHRG]  |
| 36. | Covers Report                       | X            | X  | X  | X  | A-P            | [CVRS]  |



| No. | Contents                               | Control Lock |    |    |    | Cashier<br>Key | Operation                               |
|-----|--|--------------|----|----|----|----------------|---|
|     |  | X1           | Z1 | X2 | Z2 |                |   |
| 37. | NRGT Report                            | X            | X  | X  | X  | A-P            | [VOID]                                  |
| 38. | Cash in Drawer                         | X            |    | X  |    | A-P            | [CHKS TEND]                             |
| 39. | Total Sales of All<br>Dept. Groups.    | X            |    | X  |    | A              | [Q/F][TOTL][DEP1]                       |
| 40. | Total Sales of All<br>Group 1 PLUs     | X            |    | X  |    | A              | (1)[Q/F][TOTL][PLU]                     |
| 41. | Total Sales of All<br>Group 2 PLUs     | X            |    | X  |    | A              | (2)[Q/F][TOTL][PLU]                     |
| 42. | Total Inventory<br>all Groups Depts.   | X            |    |    |    | B              | [Q/F][TOTL][DEP1]                       |
| 43. | Total Inventory of<br>All Group 1 PLUs | X            |    |    |    | B              | (1)[Q/F][TOTL][PLU]                     |
| 44. | Total Inventory of<br>All Group 2 PLUs | X            |    |    |    | B              | (2)[Q/F][TOTL][PLU]                     |
| 45. | Individual Server<br>Guest             | X            |    |    |    | A-P            | ( )( )( )( )( )..<br>{Guest No.} [NBAL] |
| 46. | All Server Guest                       | X            |    |    |    | A-P            | [RLS] [NBAL]                            |

4-2. EXAMPLE OF FULL REPORT

\* POSITION OF CONTROL LOCK : X1

1) [CASH TEND]

| *** X 1 ***   |          |                               |
|---------------|----------|-------------------------------|
| FULL REPORT   |          |                               |
| White Shirt A | 12Q      | --- Q'ty of Dept.             |
|               | 212.00   | --- Amount of Dept.           |
| White Shirt B | 12Q      |                               |
|               | 540.00   |                               |
| Handkerchief  | 12Q      |                               |
|               | 60.10    |                               |
| Mans Suit     | 1Q       |                               |
|               | 430.00   |                               |
| Mans Pants A  | 3Q       |                               |
|               | 260.00   |                               |
| Mans Pants B  | 7Q       |                               |
|               | 676.00   |                               |
| Socks         | 1Q       |                               |
|               | 8.00     |                               |
| Mans Jacket   | 3Q       |                               |
|               | 1,005.00 |                               |
| Neck Tie A    | 8Q       |                               |
|               | 189.00   |                               |
| DEPT020       | 4Q       |                               |
|               | 0.00     |                               |
| DEPT060       | 4Q       |                               |
|               | 155.00   |                               |
| SHIFT 1       | 67Q      | --- Sales Q'ty of Shift 1     |
|               | 3,535.10 | --- Sales Amount of Shift 1   |
| DEPT107       | 1Q       |                               |
|               | 22.00    |                               |
| SHIFT 2       | 1Q       |                               |
|               | 22.00    |                               |
| DEPT206       | 1Q       |                               |
|               | 130.00   |                               |
| SHIFT 3       | 1Q       |                               |
|               | 130.00   |                               |
| DEPT TTL      | 69Q      | --- Total Q'ty of Dept.       |
|               | 3,687.10 | --- Total Amount of Dept.     |
| TXBL-1        | 3,325.10 | --- Total Amount of Taxable 1 |
| TXBL-2        | 55.00    |                               |
|               | 32N      |                               |
| TAX-1         | 149.66   | --- Total Amount of Tax 1     |
|               | 2N       |                               |
| TAX-2         | 3.30     |                               |
|               | 1N       |                               |
| +%G           | 5.00     |                               |
| TOTAL         | 3,845.06 |                               |
| GROSS         | 4,166.80 |                               |
|               | 10N      |                               |
| VOID-R        | 275.00   |                               |
|               | 1N       |                               |
| RETURN        | 7.00     |                               |
|               | 1N       |                               |

|               |          |                                     |
|---------------|----------|-------------------------------------|
| -N            | 1.00     |                                     |
|               | 1N       |                                     |
| -%N           | 35.00    |                                     |
|               | 1N       |                                     |
| -%G           | 19.50    |                                     |
|               | 1N       |                                     |
| -1            | 80.00    |                                     |
|               | 3N       |                                     |
| -2            | 1.50     |                                     |
|               | 38N      |                                     |
| NET TL        | 3,744.06 |                                     |
|               | 34N      |                                     |
| CASH          | 3,346.96 |                                     |
|               | 2N       |                                     |
| CHECK         | 188.10   |                                     |
|               | 1N       |                                     |
| CHARG         | 41.80    |                                     |
|               | 1N       |                                     |
| CARD*         | 167.20   |                                     |
|               | 2N       |                                     |
| MSC-V         | 3.42     | ---- Void of Tax and %              |
|               | 1N       |                                     |
| TAX EX        | 47.00    | ---- Total Amount of Tax Expulsion  |
| -TTL          | 101.24   |                                     |
|               | 3N       |                                     |
| -TAX          | 3.74     |                                     |
|               | 2N       |                                     |
| NOSALE        | 0.00     |                                     |
|               | -1N      |                                     |
| R/A CA        | -300.00  | ---- Total Amount of R/A Cash       |
|               | -1N      |                                     |
| R/A CK        | -200.00  | ---- Total Amount of R/A Check      |
|               | -1N      |                                     |
| R/A CARD      | -500.00  | ---- Total Amount of R/A Card       |
|               | -1N      |                                     |
| P/O CA        | -50.00   | ---- Total Amount of P/O Cash       |
|               | -1N      |                                     |
| P/O CK        | -50.00   | ---- Total Amount of P/O Check      |
| CAID          | 2,764.16 | ---- Cash in Drawer                 |
| CKID          | 370.90   | ---- Check in Drawer                |
| CARD1         | -332.80  | ---- - Total Amount of Card 1 Sales |
| RPRT CNT 0002 |          | ---- X1 Full Report Counter         |
| NRGT          | 4,166.80 | ---- Not Reset Grand Total          |
| <hr/>         |          |                                     |
| DAVID         |          | ---- Clerk Name                     |
|               | 34N      |                                     |
| NET TL        | 3,374.13 |                                     |
| TAX           | 137.03   |                                     |
| NET *         | 3,237.10 |                                     |
| CAID          | 2,394.23 |                                     |
| CKID          | 370.90   |                                     |
| CDID          | -332.80  |                                     |
| VOID          | 275.80   |                                     |
| RETURN        | 7.00     |                                     |
| MICHAEL       |          |                                     |
|               | 2N       |                                     |
| NET TL        | 369.93   |                                     |
| TAX           | 15.93    |                                     |
| NET *         | 354.00   |                                     |
| CAID          | 369.93   |                                     |

## 5. TROUBLESHOOTING AND SYSTEM CLEARANCE

\* When error occurs, check the following causes before contacting our dealer.

### 5-1. MAIN ERROR MESSAGE

| DISPLAY            | MAIN CAUSE   | CHECK POINT   |
|--------------------|--|---|
| * KEY BOARD ERROR  | Wrong Key Operation  | Press [CLR] key and operate again correctly   |
| * ENTRY OVER       | Registered Numbers are more than limit   | Press [CLR] key and enter the correct number  |
| * ENTRY ERROR      | During registration of Sales Price, The [.] key is depressed.                            | Press [CLR] key and enter the correct price   |
| * MEMORY OVER      | Programming is over than the capacity of the memory                                      | Press [CLR] key and program a correct number or use additional memory board   |
| * ENTER AMOUNT     | Price for the Dept. or tendered amount is not entered                                    | Press [CLR] key and enter the amount.   |
| * NOT PROGRAMED    | Wrong number is entered  | Press [CLR] key and enter the correct number  |
| * NEW ROLL REQD    | Journal paper is running short   | Replace with new roll paper and<br>a) When control lock is "R" position, press [CLR] key and operate again.<br>OR<br>b) When control lock is inspection or reset position, press [SLIP] key and operate again |
| * CASHIER KEY REQD | Cashier key (A-P) is not entered.  | Press [CLR] key and enter the cashier key   |
| * NO SPLIT TENDER  | Tendered amount is less than total sales amount  | Press [CLR] key and enter the enough amount   |
| * STOP REGISTERING | Print buffer is approaching to the full capacity and requesting to stop the registration | Press [CLR] key and then enter the [CASH TEND] key  |
| * ENTER PBAL/CKPD  | [PBAL] key or [CKPD] key is not entered  | Press [CLR] key and enter the [PBAL] key or [CKPD] key  |

| DISPLAY           | MAIN CAUSE  | CHECK POINT  |
|-------------------|---|--|
| * ENTER COVERS    | Operation was started without registration of Cover Number                      | Press [CLR] key and enter the [CVRS] key   |
| * PRESS CLEAR KEY | When error occurred, other key was pressed instead of [CLR] key                 | Press [CLR] key  |
| * TURN OFF 5 SEC  | When power failure occurred during printing operation                           | Turn off the power switch for 5 seconds and after then turn the switch "ON"  |
| * VALIDATE CHECK  | Slip paper is not set for slip print  | Press [CLR] key and insert a slip paper  |
| * CANNOT VALIDATE | Issueing of slip print is operatted twice (Issueing of slip print is only once) | Press [CLR] key  |
| * CHECK R/J PRINT | There are some clogs in the printer   | Turn off the power switch. Remove the printer cover and check whether there are any clogs (paper, coin etc) in the printer and then turn on the switch. Press [CLR] key and operate again. |
| * CHECK SLIP      | There are something wrong in the slip printer                                   | Turn off the power switch. Check inside the printer and then turn on the switch. Press [CLR] key and operate again.  |
| * INSERT CHECK    | Slip paper is not inserted at all or correctly                                  | Press [CLR] key and insert slip paper correctly. Press [SLIP] key or [PRNT] key  |
| * CHECK 80        | Connection with 80 digits printer is not correct                                | Turn off the power switch. Check the conditions of the printer and correct it. Turn on the power switch and press [CLR] key and operate again  |

## 5-2. HOW TO RESET THE SYSTEM (TO RELEASE A LOCKING OF THE MACHINE)

\* When the cash register does not work correctly, check the following points first.

- 1) Is the electric current cut off ?
- 2) Is the power cord firmly connected ?
- 3) Is the control lock set to the "L" position ? OR  
Was the control lock switched to another position before finalization ?
- 4) Is a cashier key entered ?
- 5) Is the cash register operated correctly ?

If you can not find the trouble by these checks, try

### 6) System Reset

#### (HOW TO RESET THE SYSTEM)

- 6-1: Set the control lock to the "P2" position
- 6-2: Turn "OFF" the power switch of the machine
- 6-3: After 5 seconds, turn "ON" the switch again

By this procedure, the machine will start to work normally.

If the machine does not work in spite of above steps, set the control lock to "L" position, turn "OFF" the power switch and contact our dealer.

## 6. RECOMMENDATION FOR PROPER PERFORMANCE

\* For long and proper performance of this cash register,  
Please keep the following instructions:

### A) MAINTENANCE

1. Do not operate the cash register with wets hands or wipe it with a wet rag etc.
2. Removal of dirt and stains etc.  
Turn the power off and Remove dirt and stains by using alcohol.
3. Never use thinner, ketone etc. to avoid damages of the plastic parts.
4. When the shop is closed after work, set the control lock to "L" position, remove the control key, turn off the power switch and cover the machine with attached dust protection cover.

### B) REPAIR

Do not allow any person other than authorized service man to repair the machine.

### C) PARTS SUPPLY ( INK RIBBON CASSETTE, ROLL PAPER, SHOP STAMP ETC.)

These parts supply shall be replaced with manufacturere's authorized replacement.

Contact our dealer when placing order.

### (Remark)

The contents of this manual are subject to change without prior notice.

PS.

If there are any questions, please contact our dealer at any time during office hour. Thank You.

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