NE310

SPECIFICATION

R & D		
Issued	Inspected	Approved

Date : 2021.06.16

Revision History

Revision			Reference	
REV	Description	Date	Page	Remarks
A	Original	2021.05.26		
B	Revise	2021.06.16	14, 16, 61, 87-89, 92-93	Rev.B

Modifications in detail

Rev.B

P.14 Changed keylayout.

P.16 Changed the key description.

P.61 Added the long captions.

P.87-89 Changed character input key layout. Deleted [CAPS] key and added [FIXED] key.

P.92-93 Changed the sample receipt.

SPECIFICATIONS MAY BE SUBJECT TO BE CHANGED ACCORDING TO FURTHER DEVELOPMENT PROCESS.

THE CONTENTS

1) BASIC FEATURE

Department Group : 10

Department : Max 99 (Dept Shift & Dept Code)

PLU : Max 3000 (in the case of SD card EJ selection)

CLERK : 15 CLERKS

TAX : VAT or Add-on TAX mode (4 TAX)

EJ-MEMORY : Max 12000 lines

In the case of using SD card to store EJ, please think 26 bytes per one line will be occupied. For example, 1GB SD has about 1024000000 bytes. Then EJ will be saved about 35M lines. About 90% will be available for the total capacity because of spending FAT and some file folder data.

TRACKING : Max 100 TABLES (50 ITEMS per TABLE)

BARCODE READER : YES

MANAGER REPORT : X1/Z1 FINANCIAL REPORT
X2/Z2 REPORT
X/Z PLU REPORT
X/Z CLERK REPORT
X/Z HOURLY REPORT
X/Z TRAINING REPORT
X/Z ELECTRIC JORNAL REPORT etc...

DISPLAY FRONT : LCD 200 x 120 dots with back light
REAR : UNION JACK DISPLAY (10 digits)

PRINTER : SII LTP01-245
TYPE OF PRINTER : THERMAL DOT LINE PRINTER
PRINT SPEED : 10 LINES/SECOND
NUMBER OF COLUMNS : 24 COLUMNS
PAPER WIDTH : 58 ± 0.5 mm
MCBF : 1500000 LINES

PROGRAMMABILITY : DATE (Day/Month/Year)

TIME (Hour/Minute)

MACHINE NUMBER

PAYMENT MEDIA Key - CASH, CHECK, CHARGE, CREDIT1 ~ 6

- Name (Max.12 characters)
- Halo digit
- Compulsory of tendering amount, No compulsory
- Change allowed, Change not allowed
- Drawer open, Drawer not open

#/NS Key - Drawer open, Drawer not open

- In REG and MGR position, In MGR position only
- Receipt print, not print
- Receipt Header print, not print
- Input on Electronic Journal, Not input
- Update consecutive receipt number, not update

+/- Key - Halo digit

- sign (negative/positive)

% Key - rate (0 – 99.99%)

- sign (negative/positive)
- limit rate (0 – 99.99%)

RA/PO Key Status - Halo digit

- Receipt Header print, not print

DECIMAL POINT POSITION (X / X.X / X.XX / X.XXX)

FRACTION ROUNDING (Round down/Round off/Round up)

TAX RATE (0 – 99.999%)

FC - Name (Max.10 characters)

- exp (0 – 8)
- decimal point (X / X.X / X.XX / X.XXX)
- rate (1 – 999999)

CONSECUTIVE Receipt Number

Z1/Z2 COUNTER

GT(Grand Total)

MANAGER PASSWORD (PRG and Z mode / X mode / TRAINING mode)

CLERK SECURITY - Name (Max.24 characters)

- VOID function disable, enable
- REFUND function disable, enable
- % negative function disable, enable
- PO(pay out) function disable, enable
- negative Department and PLU function disable, enable
- Normal clerk, Training clerk

DEPARTMENT - Name (Max.12 characters)

- Department Group number
- Price (0 – 99999.99)
- PLUS, MINUS
- STD, Single item cash
- Halo digit
- Tax status
- Takeout Tax status

PLU - Name (Max.16 characters)

- Link Department number
- Price1 (0 - 99999.99)
- Price2 (0 - 99999.99)
- Open price state
- Tax status
- Takeout Tax status
- Stock
- POP list link

SYSTEM OPTIONS - Date Display/Print format (day-month-year/month-day-year)

- Time Indicate (24Hour/12Hour)
- Key touch tone (On/Off)
- Electronic Journal (Standard/Dynamic/ON SD)
- Clerk System (Inactive/Active)
- Must Clerk security code entry (Non must/Must)
- Input Clerk # (Inactive/Active)
- Login CLERK display on idle (Active/Inactive)
- Winding motor (No winding except EJ/For PRG,X,Z mode)
- Price1/Price2 shift selection
  (each entry/end of transaction/stay down)
- Page* start PLU#
- PLU Page1 to 3 shift selection
  (each entry/end of transaction/stay down)

- Post tender (Enable/Disable)
- 0 price registration (allowed/not allowed)
- TAX calculation (Add-on TAX/VAT)
- TAX details Print Position
  (after tender amount/before total amount)
- ±% result (Addition/Not addition)
- FC convert calculation (Divide/multiple)
- European rounding select
  (No / Euro / Switzerland / Danish / Norway)
- Duplicate Z report (Active/Inactive)
- Zero Skip (Zero skip/Non skip)
- Compulsory of TABLE# input for sales registration
  (compulsory/not compulsory)
- Compulsory of GUEST# input for sales registration
  (compulsory/not compulsory)
- Exclusive CLERK for each TABLE TRACKING
  (Exclusive/Not exclusive)
- Warning beep for nearly full of EJ memory will be
  at the start of transaction (Sound/Non sound)
- Warning beep for nearly full of EJ memory will be
  at the end of transaction (Sound/Non sound)

- Line distance select
- Receipt without TABLE TRACKING print
  (Normal/Compress/Double height)
- X/Z report compressed print (Disable/Enable)
- EJ report compressed print (Disable/Enable)
- PRG mode compressed print (Disable/Enable)
- INVOICE receipt Print (Normal/Compress)

- Clerk Name Print (Print/Not print)
- PLU number Print On Report (Print/Non print)
- PLU number Print On Receipt (Print/Non print)
- Subtotal Print (Print/Not print)
- TAX rate Print (Non print/Print)
- Print Taxable amount split per rate (Non print/Print)
- Print total Taxable amount (Non print/Print)
- Print Taxable amount out of VAT split per rate
  (Non print/Print)
- Print total Taxable amount out of VAT (Non print/Print)

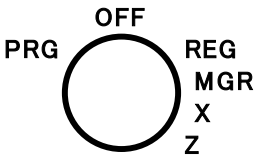
- Print tax symbol at right hand side of amount
  (Non print/Print)
- Footer print on receipt (Print/Non print)
- Footer print on receipt without TABLE TRACKING
  (Print/Non print)
- Print X/Z report header (Non print/Print)
- Ratio % in Department and PLU report (Print/Not print)
- Footer Print on INVOICE receipt (Print/Non print)
- VAT AMOUNT, TAXABLE AMOUNT, AMOUNT out of
  VAT Print on New BALANCE receipt (Print/Non print)
- VAT AMOUNT, TAXABLE AMOUNT, AMOUNT out of
  VAT Print on PROFORMA receipt (Print/Non print)
- Graphic header print on receipt (Print/Non print)
- Graphic header print on receipt without TABLE TRACKING
  (Print/Non print)
- Graphic header Print on New BALANCE receipt
  (Print/Non print)
- Graphic header Print on INVOICE receipt (Print/Non print)
- Graphic header Print on PROFORMA receipt
  (Print/Non print)

Memory sharing select
Language

Department group name (Max.12 characters)
Receipt header (Max.24 characters)
Receipt footer (Max.24 characters)
Free text (10 and 24 characters)

Department dump report (all/range/linking Department Group)
PLU dump report (all/range/linking Department)
CLERK dump report
Free text dump report
Other programming dump report

2) KEYBOARD LAYOUT



Rev.B

feed	X/date/ time	clerk <ESC>	hold/ recall	dept shift & code	7 35	14 42	21 49	28 56	←	→
					6 34	13 41	20 48	27 55	↑	↓
					5 33	12 40	19 47	26 54	receipt on/off	FC/ take out
discount add-on list	refund	7 @	8 ABC	9 DEF	4 32	11 39	18 46	25 53	#/NS <next>	PO RA
void list	EC <del.>	4 GHI	5 JKL	6 MNO	3 31	10 38	17 45	24 52	credit card	payment list
PLU Alt <DW>	PLU code <record>	1 PQRS	2 TUV	3 WXYZ	2 30	9 37	16 44	23 51	sub total	
C <clear>		0 SP	00	. <fixed>	1 29	8 36	15 43	22 50	total <enter>	

discount add-on list	void list	payment list	PO RA	FC/take out
POP list 1	POP list 2	POP list 3	POP list 4	POP list 5
%1 %2 -/+1 -/+2	void full void	EFTPOS credit2 credit3 credit4 credit5 credit6	RA PO	FC take out

3) TOTALIZERS & COUNTERS

	Z1/X1		Z2/X2	
	TOTALIZERS	COUNTERS	TOTALIZERS	COUNTERS
DEPARTMENT 1-99	12(digits)×99	(6+4)(digits)× 99	10(digits)×99	(6+4)(digits)× 99
PLU	12 × 3000	(6+4) × 2000	14 × 1	-
PLU PRICE1	12 × 1500	(6+4) × 1500	14 × 1	-
PLU PRICE2	12 × 1500	(6+4) × 1500	14 × 1	-
CLERK 1-15	12 × 15	4 × 15	-	-
TAX AMOUNT	12 × 4	-	14 × 4	-
MINUS/PLUS	12 × 1	-	14 × 1	-
1%	12 × 1	-	14 × 1	-
2%	12 × 1	-	14 × 1	-
NET SALES	12 × 1	-	14 × 1	-
RETURN	12 × 1	4 × 1	14 × 1	4 × 1
VOID/EC	12 × 1	4 × 1	14 × 1	4 × 1
GROSS SALES	12 × 1	-	14 × 1	-
ADJUST	12 × 1	-	14 × 1	-
CASH	12 × 1	4 × 1	14 × 1	4 × 1
CHARGE	12 × 1	4 × 1	14 × 1	4 × 1
CHECK	12 × 1	4 × 1	14 × 1	4 × 1
CREDIT 1~6	12 × 1	4 × 1	14 × 1	4 × 1
RECEIVED ACCOUNT	12 × 1	4 × 1	14 × 1	4 × 1
PAID OUT	12 × 1	4 × 1	14 × 1	4 × 1
NO SALE	-	4 × 1	-	4 × 1
CASH IN DRAWER	12 × 1	-	14 × 1	-
CHARGE IN DRAWER	12 × 1	-	14 × 1	-
CHECK IN DRAWER	12 × 1	-	14 × 1	-
CREDIT 1 IN DRAWER	12 × 1	-	14 × 1	-
CREDIT 2 IN DRAWER	12 × 1	-	14 × 1	-
FC 1 IN DRAWER	12 × 1	-	14 × 1	-
FC 2 IN DRAWER	12 × 1	-	14 × 1	-
FC 3 IN DRAWER	12 × 1	-	14 × 1	-
FC 4 IN DRAWER	12 × 1	-	14 × 1	-
NEW-BALANCE	12 × 1	4 × 1	14 × 1	4 × 1
CLOSE-BALANCE	12 × 1	4 × 1	14 × 1	4 × 1
OPEN TABLE SALES	12 × 1	-	14 × 1	-
GUEST	-	4 × 1	-	4 × 1
GRAND TOTAL	14 × 1	-	-	-
Z1 COUNTER	-	4 × 1	14 × 1	-
Z2 COUNTER	-	-	14 × 1	4 × 1
TIME SALES	4 × 24	4 × 24	14 × 1	-

Note 1) (6+4) = 6 digits integer and 4 digits fraction value.

Note 2) PLU number depends on the memory allocation.

The table value show’s the maximum PLU.

4) BASIC FEATURES AND FUNCTIONS, CONTINUED

KEYBOARD, CONTINUED

TOTAL/enter --- The TOTAL/enter key is used for cash tender transaction.

EFTPOS --- The EFTPOS key is used for EFTPOS tender transaction. Rev.B

CREDIT1 ~ 6 --- The CREDITx key is used for credit card tender transaction.

S.TOTAL/INVOICE --- Subtotal key is use to calculate a subtotal during a transaction.
After a subtotal also discount or majoration can be done in absolute value or in %.
Invoice to issue invoice in general retail use.
Invoice can be issued after a payment has been done.

RECEIPT ON/OFF --- The RECEIPT ON/OFF key is used to saving paper or not.
It is switched to reverse by depressing again.

#/NS --- As the #/NS key, this is used to open the drawer without registering any amount or when changing money for a non-sales code.

CLEAR --- The CLEAR key will clear an entry made on the numeric keypad or X/DATE/TIME key before it is finalized on a department or function key. The CLEAR key is also used to clear error conditions.

00,0 - 9 --- Numerical keys. The numerical keys is used to input number.

· --- The DECIMAL POINT key used to enter decimal point.

FEED --- Depressing the FEED key will advance the receipt or journal paper one line, or continuously unitl the key is released.

%1 --- The %1 key is used to subtract or additional a % from the sale on one Item or subtotal. The financial report records the %1 key total.

%2 --- The %2 key is used to subtract or additional a % from the sale on one Item or subtotal. The financial report records the %2 key total.

RA --- The RA key, this is used to record a media payment, or loan to the cash drawer. RA key is mixed with payment mode.
When the ECR is switch on.The financial report records the received on account total.

PO --- The PO key, is used to remove media from the cash drawer.
It carries it's own total on the financial report.

+/- 1 --- The +/- key is used to subtract or add an amount from/to the sale total.
The financial report records the +/- key total.

+/- 2 --- The +/- key is used to subtract or add an amount from/to the sale total.
The financial report records the +/- key total.

REFUND --- The REFUND key is used to return merchandise which can be resold.
It corrects activity and sale totals.
Merchandise return carries its own total on the financial report.

X/DATE/TIME --- The X/DATE/TIME key is used to multiply department or PLU key entries.
Inform remaining buffers for EJ, an assigned clerk & present date andtime.

EC --- The EC key is used to erase last incorrect entry.

VOID --- The VOID key is used to correct previous incorrect entries.

FULL VOID --- This key is used to correct full receipt before a payment. All of the previous registed transaction done before a “payment” will be canceled.
Amount of void are store in their own total on the financial report.

CLERK --- CLERK key is used for assign a clerk.

PLU CODE --- Price look up function.

PLU ALT --- The PLU ALT key is used to manual price entry for PLU.

ADD PLU --- Non progrmed PLU item will be emargently register during the REG mode.
Using this key with non programed PLU number and depress a linked DEPARTMET key. Then it will be registered into the transaction.
After that, ECR memorizes this PLU number linked to this department with an entered price.

PRICE1 --- These keys are used to select price level for PLU in direct or indirect access.
PRICE2

PLU PAGE1 --- These keys are used to select automatically direct access PLU.
PLU PAGE2
PLU PAGE3

PLU price Inquir --- In order to inquire a price of a numbered PLU, this key with PLU number will inform the programed price on the screen.

TAKE-OUT --- TAKE-OUT key is used to modify temporary a plu tax status.

FC --- FC key is used to do foreign currencies calculation.

TABLE# New Bal --- The TABLE# New Balance key is used to open a table, or call back a table already open and close a table by a payment.
When the table is re-opened by TABLE/New Bal key, void operation can be Performmed by pressing [↑] key.

GUEST# --- The GUEST# key is used to enter number of guest on a table.
Number of guest is register in report.

TRAY T-TRAY --- The TRAY T-TRAY key is used to obtain the total of an individual guest tray in a guest party.

DIVIDE PAYMENT --- The PAYMENT key is used to split the bill among the guest.

HOLD/RECALL --- The HOLD/RECALL key is used to close temporary a table.
The HOLD/RECALL key is used to hold and recall operations.

REVIEW --- The REVIEW key is use to control all registration done on a table

PROFORMA --- The PROFORMA key is used to print a proforma invoice

PAY TRANS --- The PAYMENT TRANSFERT key is used to transfert a payment mode to another one in case of error of payment mode

Dept Shift&Code --- Used to shift the level of the department key or to specify the department number.

POP LIST1 ~ 5 --- A multiple key function list will be programmed in POP LIST 1 to 5.
Each of POP LIST will be assigned on a certain key.
Depress a POP LIST key under REG/MGR mode will diplay the
programmed list and select a key function from the list. Such a
slected function will be executed.

CHAIN FUNCTION1 ~ 5 --- An ordered muliple key sequence will be programmed in CHAIN FUNCTION 1 to 5.
Each of CHAIN FUNCTION will be assigned on a certain key.
Depress a CHAIN FUNCTION, the programmed function keys will be
automatically executed in turn.

↑ ↓ --- Moveing the line cursor will be available.
↑ moves the cursor up and ↓ moves the cursor down.

← → --- Moveing the next menue under selected the current line or selecting a
double selection menue like YES/NO will be used.

PLU LIST KEY1 TO 5 --- If programmed on keyboard those keys are use to display
and also enable to select PLU on display
Maximum 20 PLU can be assigned per key.

TABLE CHANGE --- To change a table in use into another table not used at
guest request (example bill of restaurant on hotel)

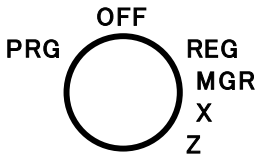
TABLE SEPARATE --- To split a guest table account and transfert a part in a Table account .

TABLE ADD --- To merge two table accounts into one

ABR --- To issue a business receipt

EXTRA INVOICE --- This operation is used to issue an invoice by manual operation.

4-1) CONTROL LOCK KEY



PRG -- The PRG position is used for all programming.

OFF -- The system is inoperable.

REG -- Registration mode.
Control key must be able to be take off of the lock in such position.

MGR -- Manager mode.
You can temporarily unlock CLERK limitations, etc.

X -- The X position is used for reading the daily and periodical financial report.

Z -- The Z position is used to read the daily and periodical financial report.

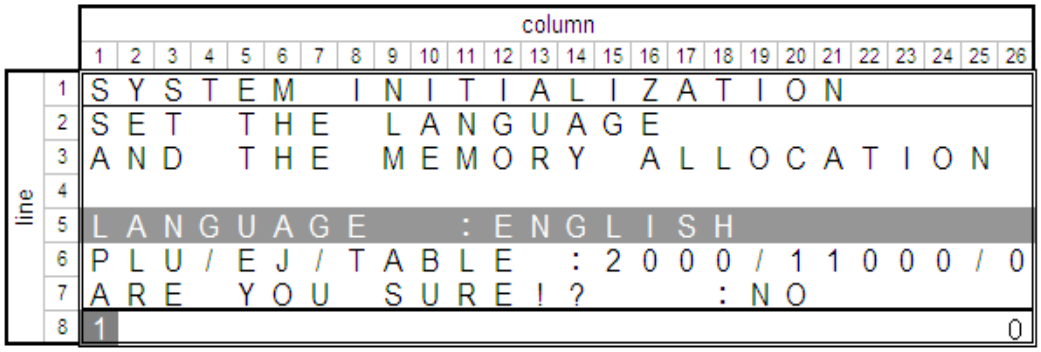
5) INITIALIZATION at the system start

5-1) Initialization display

When the end user begins to use ECR with the power, ECR executes the system initialization with the following screen menu.

Then the user has to select the adequate language and the memory allocation.

Completing the selection, ECR will reset and executes initialization with these setting.



No of Line	Prompt	Kinds of PRG	Programming Contents	Remark and Flag shift status
01	LANGUAGE	Flag	Selecting a language	See 5-2)
02	MEMORY PLU/EJ/TABLE MEMORY	Flag	Memory allocation	See 5-3)
03	ARE YOU SURE!?	Flag	Fixed and execution	NO <-> YES

5-2) LANGUAGE selection

[→] and [←] will select a language like the following order.

ENGLISH <-> SPANISH <-> FRENCH <-> GERMAN <-> DUTCH <-> PORTGUESE <-> DANISH <-> NORWEGIAN

5-3) MEMORY allocation

ECR has the memory allocation table defined as follows.

1) 1500 PLU and 12000 Line EJ and 0 table
2) 2000 PLU and 11000 Line EJ and 0 table
3) 3000 PLU and SD memory EJ and 0 table
4) 500 PLU and 12000 Line EJ and 50 table
5) 1500 PLU and 9000 Line EJ and 70 table
6) 3000 PLU and SD memory EJ and 100 table

NOTE: Even if the user selects 3000/SD and 0 table, ECR cannot activate EJ system on SD memory card. In the EJ programming section, the EJ system has to be programmed.

5-4) ARE YOU SURE!?

In order to fix above initial setting, the user has to select “YES” with [ENTER] key.

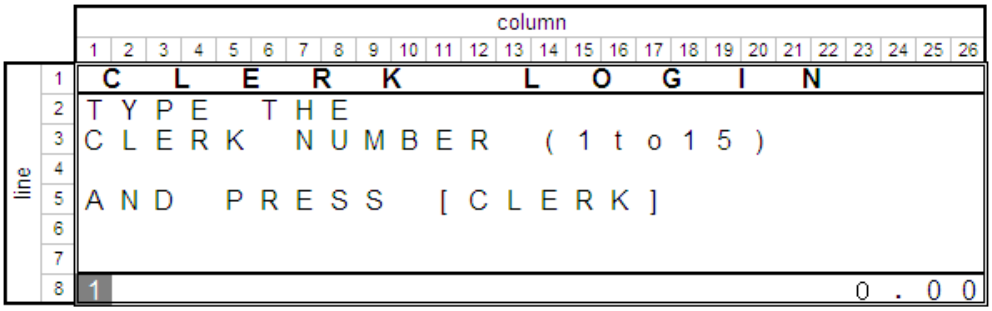
Otherwise ECR still do the default initialization.

6) CLERK FUNCTION

Clerk codes are a special security feature to control access to the register. Before the rest can be operated, the clerk code must be assigned and an individual code up to 15 clerks codes can be set in the register memory. Unless one of these codes has been correctly typed and activated with the [CLERK] key, registration, report or program can not be accessed.

6-1) TO ASSIGN A CLERK

Just after entering REG mode, the below screen will come up.



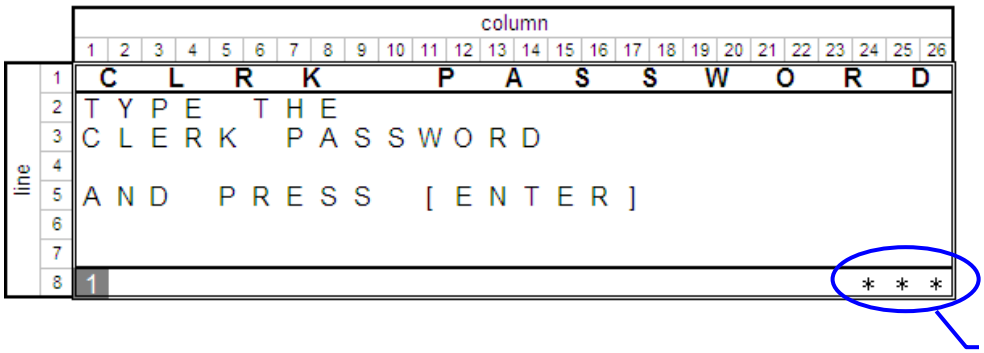
1. Enter CLERK # from 1 to 15 with [CLERK] key.

(REG MODE)

1 [CLERK]

CLERK # (1-15)

2. If ECR has been programmed as a security system, the below screen will come up and the user has to enter a programmed pass word.



PASS WORD ENTRY

2 3 4 [ENTER]

3-DIGIT SECURITY # (001-999)

TYPE A SECURITY # STORED IN THE REGISTER MEMORY IF NOT CORRECTLY TYPED, ERROR SIGN APPEARS ON THE DISPLAY.

Note: In the event that the security # "000" is preset, enter clerk # only.

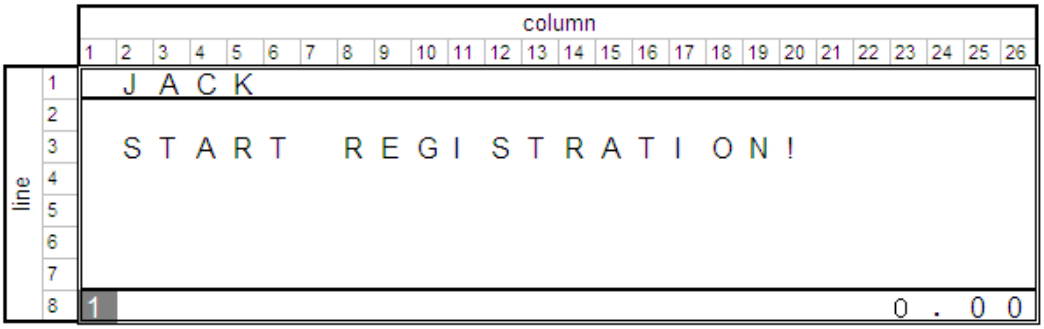
1 [CLERK]

◥

~~CLERK # (1-15)~~

The register is already assigned the default security # as 000 upon exfactory,
you can skip section (above 2 section) in order to operate the register using default #.
Under the transaction, it is impossible to change the assigned clerk.

6-2) CLERK NAME ON DISPLAY with starting comment.



When a clerk login will be successfully completed, a assigned clerk name is displayed on the screen with the start message.

Note: To cancel the clerk # currently assigned, change the mode selector at the MAIN MENU or enter to a new clerk #.

7) DEPARTMENT SHIFT FUNCTION

Use DEPT 29-56.

Press the [DEPT SHIFT & CODE] key and then press DEPT 1-28 to shift the department.

[DEPT SHIFT & CODE] - [DEPT1/29] ---> ASSIGNS DEPT 29
[DEPT SHIFT & CODE] - [DEPT2/30] ---> ASSIGNS DEPT 30
:
:
:
[DEPT SHIFT & CODE] - [DEPT28/56] ---> ASSIGNS DEPT 56

Use DEPT 57-99.

It registers using a ten key and the [DEPT SHIFT & CODE] key.

[DEPT SHIFT & CODE] - (57) - [DEPT SHIFT & CODE] ---> ASSIGNS DEPT 57
[DEPT SHIFT & CODE] - (58) - [DEPT SHIFT & CODE] ---> ASSIGNS DEPT 58
:
:
:
[DEPT SHIFT & CODE] - (99) - [DEPT SHIFT & CODE] ---> ASSIGNS DEPT 99

8) PROGRAMMING NOTES

This section gives instructions for programming. If a mistake is made during programming, return to the beginning of that programming section by [ESC] and complete all required steps.

ALL PROGRAMMING IS PERFORMED ON THE “PRG MODE”.

ESCAPING PROGRAMMING SEQUENCE :

Press [ESC] key to escape from programming sequence.

Explanation of a key sequeance

The below symbol defines as follows.

( ) : The parentheses indicate that an entry from the numeric key is necessary.

[ ] : The square bracket indicates that a depression of one of the function keys is necessary.

[*] : default value.

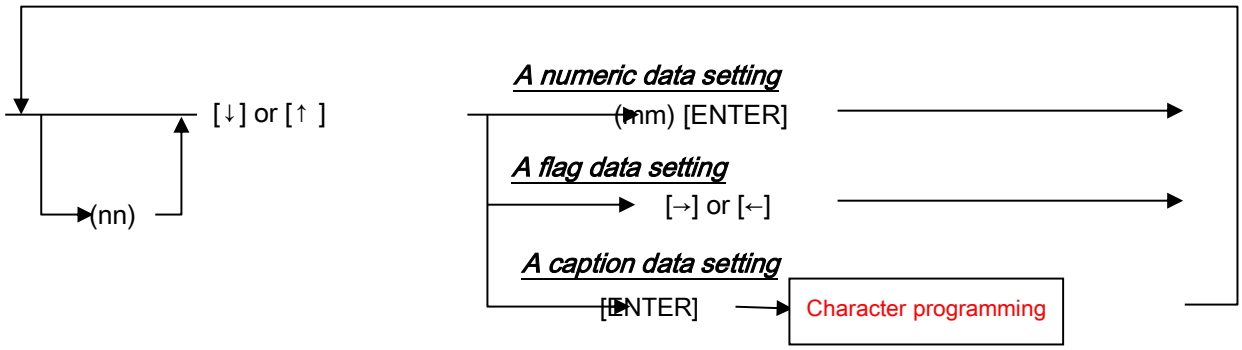
Usage of menu selecting keys

↓ ↑ : The line cursor control key to move the line cursor on the screen. And adding the numeric code describing on the left side number of each prampt it will directly jump to the entered prompt.

← → : To select programming parameters on the selected program subject.

[ENTER]: To decide an entry value or parameter, [ENTER] will be requested and the programming menu will be copleted and be quitted.

[NEXT] : Even during programming, by using [NEXT] key the programming procedure will progress to the next stage.



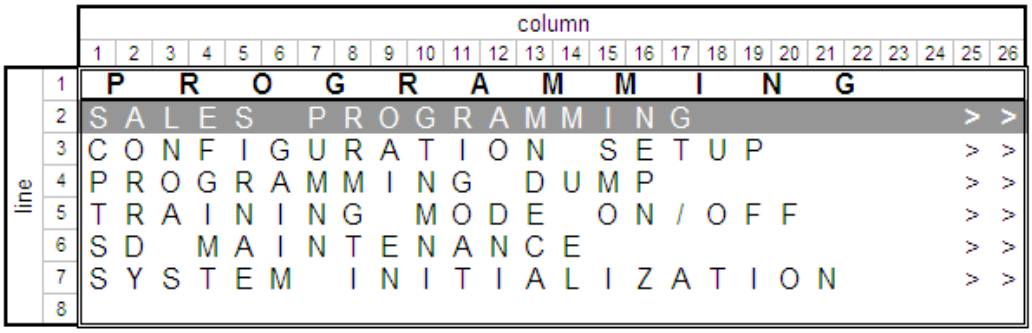
nn : The number of the left side on each prompt

mm: Adequate numeric value.

8-1) MAIN MENU of PROGRAMMING MODE

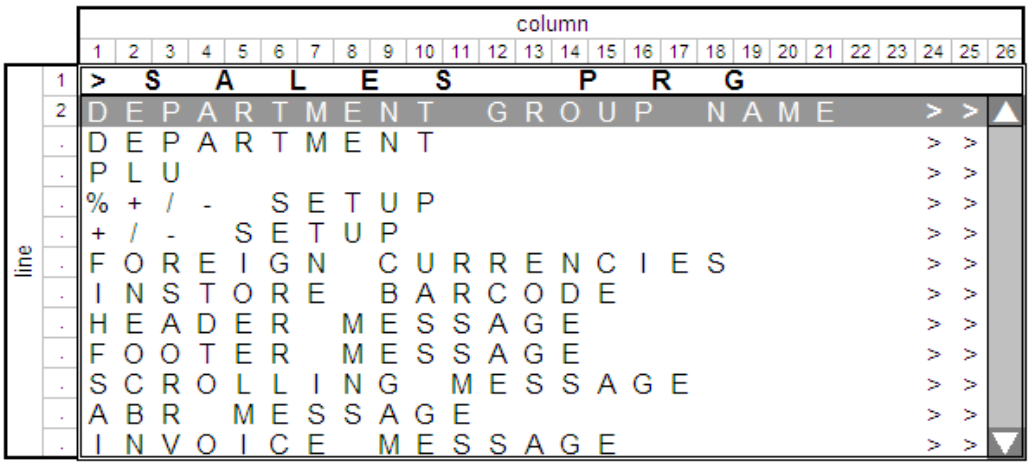
After changing the mode to PRG, the below menu will be displayed.

This is the main manu of the programming mode.



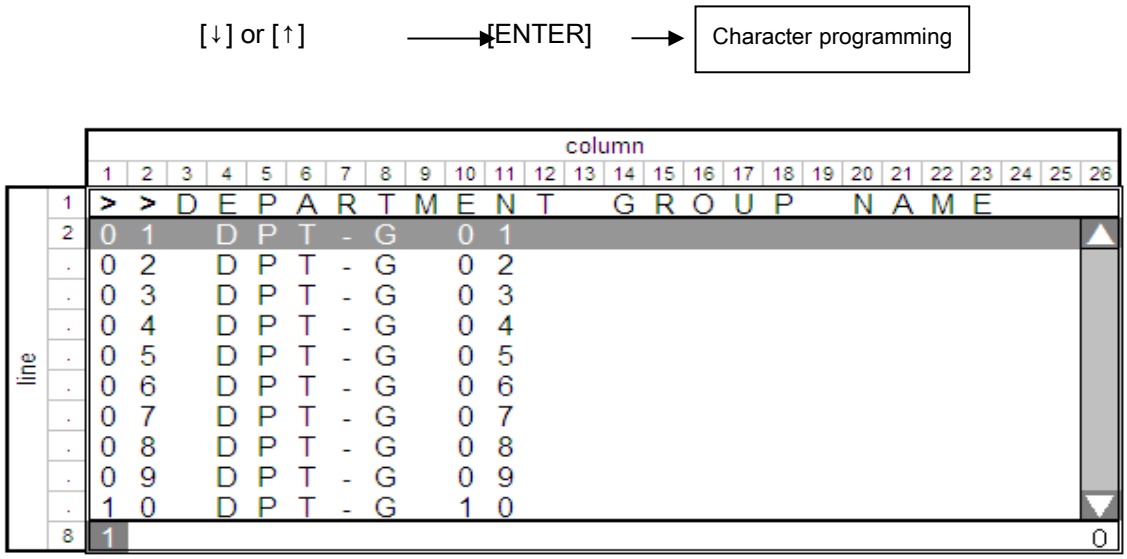
8-2) SALES PROGRAMMING

Selecting “SALES PROGRAMMING” from the main menu of programming mode, the below menu will be displayed.



8-2-1) DEPARTMENT GROUP NAME

In order to program each of DEPARTMENT GROUP NAME from 1 to 10, select a department group Number. The below operation sequence describes how to select the programmed item.

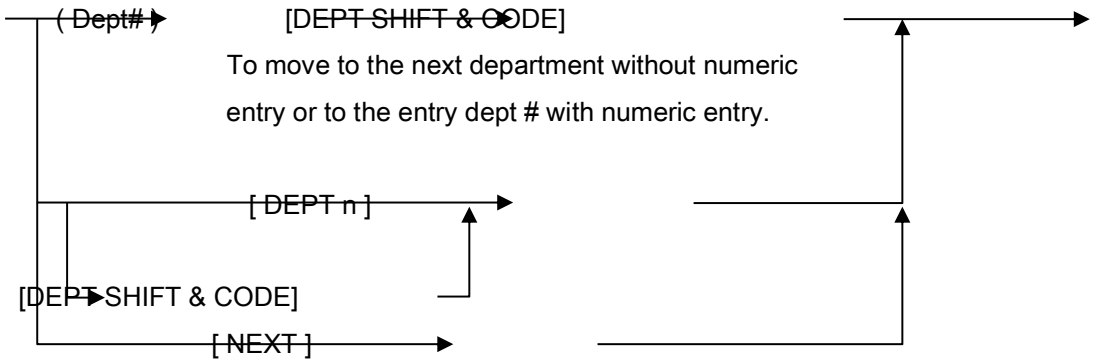


How to program a character from keys is explained on “8-8)” INPUTTING OF CHARACTER CODE”.

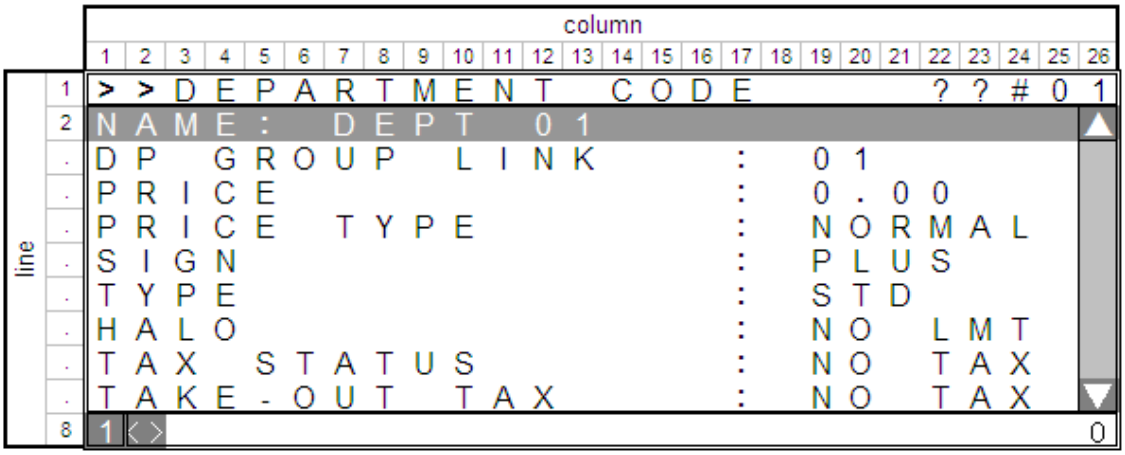
8-2-2) DEPARTMENT programming

Selecting DEPARTMENT menu from SALES PROGRAMMING will move to the depaterment #01 menu automatically.

If the user want to move to the other department from this screen, the following key operation will be effectively applied.



The current department will move to the next department by direct [NEXT].



Move the line cursor to each of programming subject.

No of Line	Prompt	Kinds of PRG	Programming Contents	Remark and Flag shift status
01	NAME	Caption	Name of a dept.	12 digits
02	DP GROUP LINK	Value	Link Group No.	2 digits
03	PRICE	Value	Unit price	7 digits
04	PRICE TYPE	Flag	Price type flag	OPEN <-> NORMAL<-> PRESET
05	SIGN	Flag	Positive and Negative price	PLUS <-> MINUS
06	TYPE	Flag	Selection of Single item	STD <-> SINGLE
07	HALO	Flag	HALO control	NOLMT<->0.99<->9.99<->99.99<->999.99
08	TAX STATUS	Flag	TAX status	NO TAX <-> TAX1 <-> TAX2 <-> TAX3 <-> TAX4
09	TAKE OUT TAX	Flag	Take out TAX status	NO TAX <-> TAX1 <-> TAX2 <-> TAX3 <-> TAX4

NOTE: 1. Link Group No has had a default value as below.

Department 01 programmed Group Number 1

Department 02 programmed Group Number 2

Department 03 programmed Group Number 3

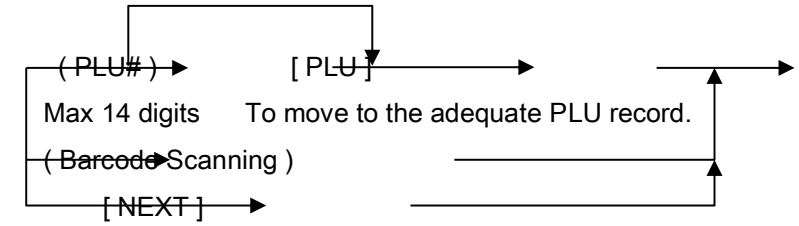
2. HALO programming shall be defines as below.

In the case of the selected 0.99, the entry price value will be permitted from 0.01 to 0.99. 0.99 means 0.01 to 0.99.

3. After the price programming, by entering [NEXT] key the price programming Line on the next department will come up.

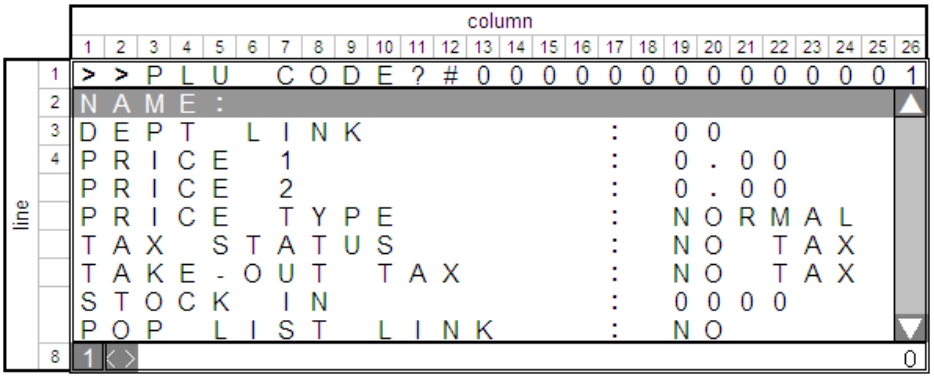
8-2-3) PLU programming

Selecting PLU menu from SALES PROGRAMMING will recoginize the PLU record #01 menu Automatically with desplaying random PLU number programmed on its record.
If the user wants to move to the other record from this screen, the following key operation will be effectively applied.



The current PLU will move to the next PLU by direct [NEXT].

Just after initialization of ECR, it will be possible to select PLU# manu on PLU programming menu as below screen.



No of Line	Prompt	Kinds of PRG	Programming Contents	Remark and Flag shift status
01	NAME	Caption	Name of a PLU.	16 digits
02	DEPT LINK	Value	Department Link code	2 digits (0-99)
03	PRICE1	Value	Unit price	7 digits
04	PRICE2	Value	Unit price	7 digits
05	PRICE TYPE	Flag	Price type flag	OPEN <-> NORMAL<-> PRESET
06	TAX STATUS	Flag	TAX status	NO TAX <-> TAX1 <-> TAX2 <-> TAX3 <-> TAX4
07	TAKE OUT TAX	Flag	Take out TAX status	NO TAX <-> TAX1 <-> TAX2 <-> TAX3 <-> TAX4
08	STOCK IN	Value	Stock entry In Quantity	1-4 digits (1-9999)
09	POP LIST LINK	Flag	POP LIST status	NO<->POP1~5

NOTE: 1. In the case of what Department Link is programmed as 0 value, this PLU shall be deleted from the PLU file.

2. NORMAL type as PRICE TYPE programming will permit only entering manual price when to register. In the case of selecting PRESET type, ECR will not permit manual entry. OPEN will accept any kind of price entry.

3. After the price programming, by entering [NEXT] key the price programming Line on the next PLU will come up.

4. Stock setting

1-4 digits(1 ~ 9999) [ENTER] : Direct entry (0: Not used. It is not output to the stock report.)

1-4 digits(1 ~ 9999) [←] : Addition of stock

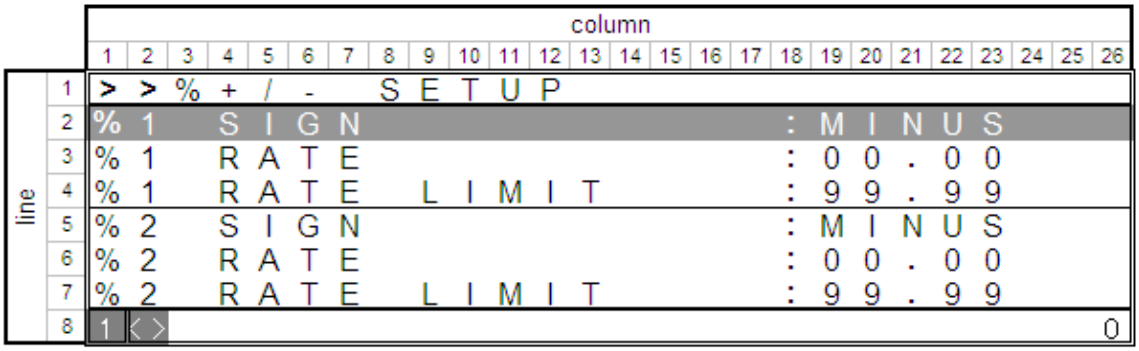
1-4 digits(1 ~ 9999) [→] : Subtraction of stock

5. POP LISTs are available and 20 PLUs can be programmed in each POP LIST.

6. When you try to set 21st POP LIST LINK, it makes error, however, the display will show the value you set.

8-2-4) % +/- setting

Selecting %+/- setting from SALES PROGRAMMING will move to %1 and %2 key function progaramming.

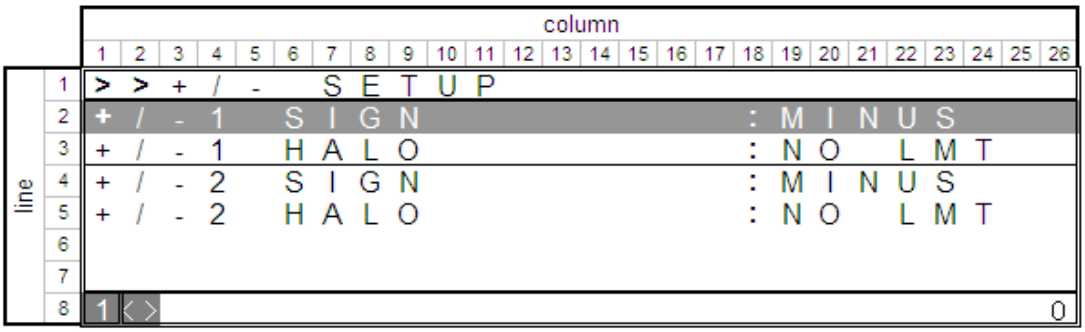


The programming menu is the same form and way among %1 and %2. Therefore % 1 function will be representative as one of example to describe the programming method.

No of Line	Prompt	Kinds of PRG	Programming Contents	Remark and Flag shift status
01	%1 SIGN	Flag	Select Discount or Extra %	MINUS <-> PLUS
02	%1 RATE	Value	% rate within 4 digits.	Decimal point loctes at 2.
03	%1 LIMIT RATE	Value	% rate limit entry	Decimal point loctes at 2.
04	%2 SIGN	Flag	Select Discount or Extra %	MINUS <-> PLUS
05	%2 RATE	Value	% rate within 4 digits.	Decimal point loctes at 2.
06	%2 LIMIT RATE	Value	% rate limit entry	Decimal point loctes at 2.

8-2-5) +/- setting

Selecting +/- setting from SALES PROGRAMMING will move to +/-1 and +/-2 key function progaramming.



The programming menu is the same form and way among +/-1 and +/-2. Therefore +/- 1 function will be replasantative as one of example to describe the programming method.

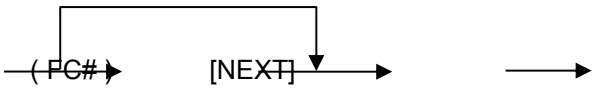
No of Line	Prompt	Kinds of PRG	Programming Contents	Remark and Flag shift status
01	+/-1 SIGN	Flag	Negative or Positive registering	MINUS <-> PLUS
02	+/-1 HALO	Value	HALO control	see Department programming page
03	+/-2 SIGN	Flag	% rate limit entry	MINUS <-> PLUS
04	+/-2 HALO	Value	HALO control	see Department programming page

8-2-6) FOREIGN CURRENCIES programming

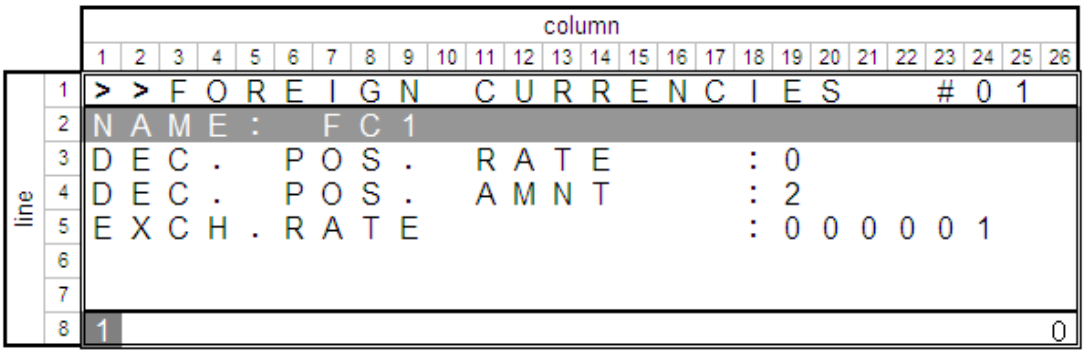
Selecting FOREIGN CURRENCIES menu from SALES PROGRAMMING will move to the foreign currency (FC) #01 menu automatically.

If the user want to move to the other FC# from this screen, the following key operation will be effectively applied. The FC number will be specified by 1 to 4.

The current FC will move to the next FC by direct [NEXT].



1-4 To move to the adequate FC.



No of Line	Prompt	Kinds of PRG	Programming Contents	Remark and Flag shift status
01	NAME	Caption	Name of foreign currency	10 digits
02	DEC. POS. RATE	Value	Decimal position of exchange rate	(0-8)
03	DEC.POS. AMNT	Value	Decimal position of changed amount value	(0-3)
04	EXCH . RATE	Value	Exchange rate	6 digits

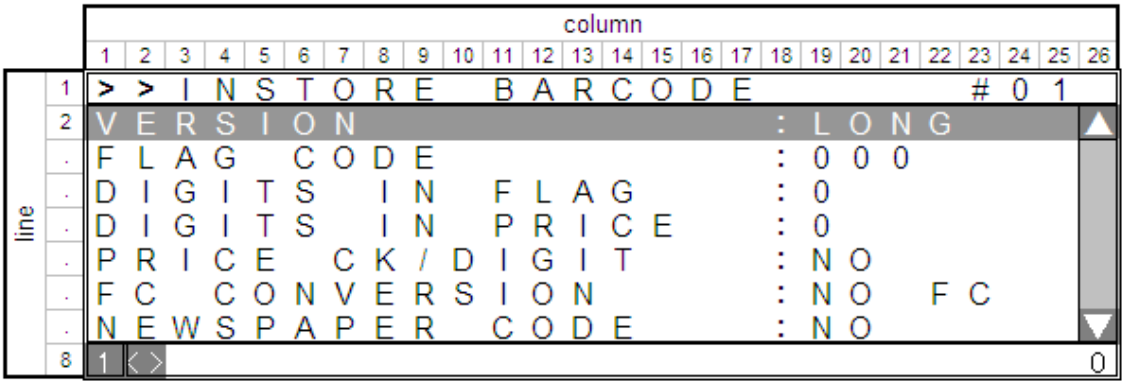
NOTE: 1. Decimal position of exchange rate consists of 6 digits numeric value.
This value closely relate with the exchange rate value.
If 0.98 will be programmed as an exchange rate, program 2 as a decimal position and 000098 as the exchange rate.

2. The exchanged amount value on the receipt will be programmed by decimal position of changed amount. In the case of US dollar, it has 2 decimal position as a monetary dot position. Then 2 will be required.

8-2-7) INSTORE BARCODE programming

Selecting INSTORE BARCODE menu from SALES PROGRAMMING will move to the INSTORE BARCODE definition programing of the top table #01 automatically.

If the user want to move to the next INSTORE BARCODE table from this screen, [NEXT] key will be effectively applied. The INSTORE BARCODE table# will be specified by 1 to 10.



No of Line	Prompt	Kinds of PRG	Programming Contents	Remark and Flag shift status
01	VERSION	Flag	Version of source code	Long version means 13 digits and short 8 digits.
02	FLAG CODE	Value	Country flag value	02 or 2x will be reserved as instore.
03	DIGITS IN FLAG	Value	Digits length of Flag field	(0-3)
04	DIGITS IN PRICE	Value	Digits length of price field	(1-8)
05	PRICE CK/DIGIT	Flag	Price check digit or not	NO <-> YES
06	FC CONVERSION	Flag	FC conversion table No.	NO FC<->FC1<->FC2<->FC3<->FC4
07	NEWSPAPER CODE	Flag	Newspaper type code	NO <-> YES

NOTE: 1. Version of the barcode is defined as 13 digits and 8 digits.
If 13 digits barcode will be applied as an in store barcode, LONG flag will be requested.
8 digits require SHORT.

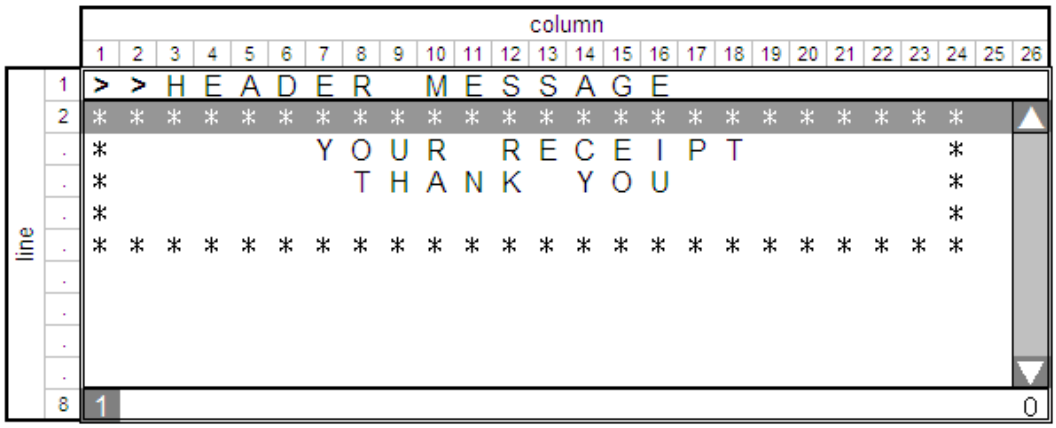
2. FLAG code should be programmed by using a reserved code in the standard county Flag.

3. FC CONVERSION will work as what the foreign price on the barcode will convert to the local currency using FC table.

4. Selecting NEWSPAPER type as “YES”, the article filed between the flag and the price field will be fulfilled as 0 value and then research PLU.
Because the newspaper type has some changeable value like weekly/daily code on the article filed.

8-2-8) HEADER MESSAGE programming

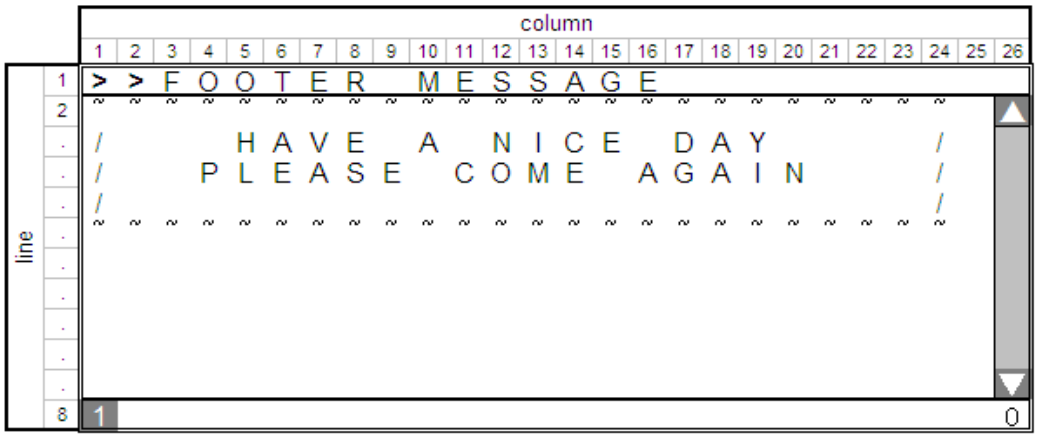
Selecting HEADER MESSAGE menu from SALES PROGRAMMING will move to the 10 line HEADER MESSAGE programming.



Each of line message can be selected by [↓] or [↑] with [ENTER]

8-2-9) FOOTER MESSAGE programming

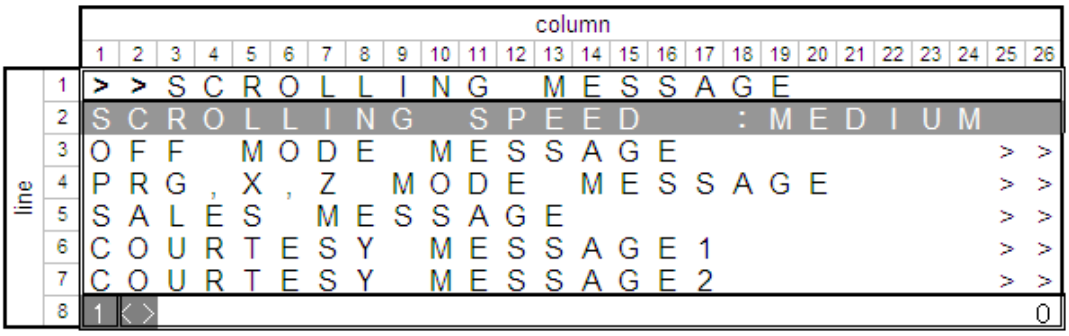
Selecting FOOTER MESSAGE menu from SALES PROGRAMMING will move to the 10 line FOOTER MESSAGE programming.



Each of line message can be selected by [↓] or [↑] with [ENTER].
The programming method is the same thing as HEADER MESSAGE.

8-2-10) SCROLL MESSAGE programming

Selecting SCROLL MESSAGE menu from SALES PROGRAMMING will move to the customer display message activity programming.



Each of line message can be selected by [↓] or [↑] with [ENTER].

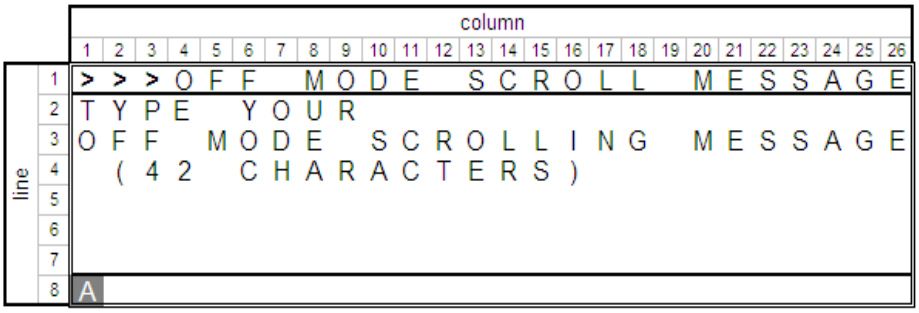
This programming will affect all of scroll message action.

No of Line	Prompt	Kinds of PRG	Programming Contents	Remark and Flag shift status
01	SCROLLING SPEED	Flag	Select scrolle speed	SLOW <-> MEDIUM <-> FAST
02	OFF MODR MESSAGE	Prompt	OFF MODE message	During OFF mode
03	PRG,X,Z MODE MESSAGE	Prompt	PRG/X/Z message	During Prog/X/Z mode
04	SALES MESSAGE	Prompt	SALES message	After closing by transaction.
05	COURTESY MESSAGE1	Prompt	IDLE message (AM)	During IDLE in AM time zone.
06	COURTESY MESSAGE2	Prompt	IDLE message (PM)	During IDLE in PM time zone.

(1) SCROLLING SPEED

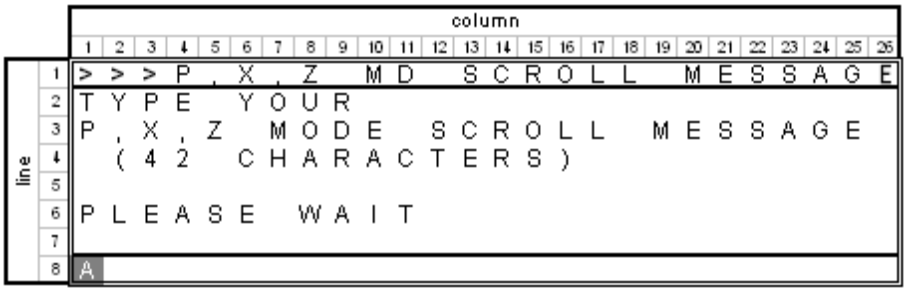
Programming SCROLLING SPEED will affect all of scroll message action.

(2) OFF MODE MESSAGE



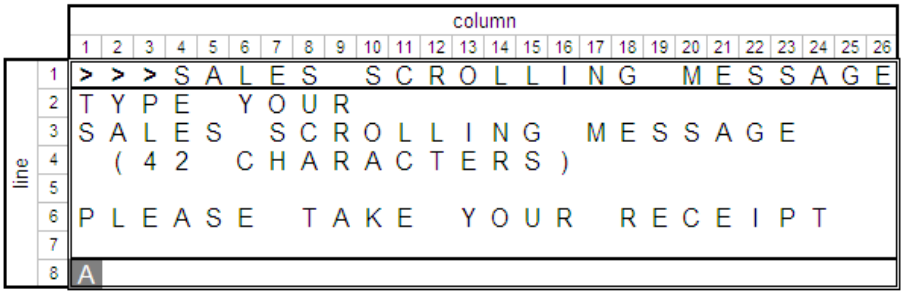
OFF MODE and PRG/X/Z message indicate that if ECR will be under OFF mode or PRG/X/Z mode, a programmed message is displayed from the top character to the end in turn. If the message is programmed as space character or NULL data, the message on this mode will not work.

(3) P, X, Z MODE MESSAGE (Program, X and Z Mode message)



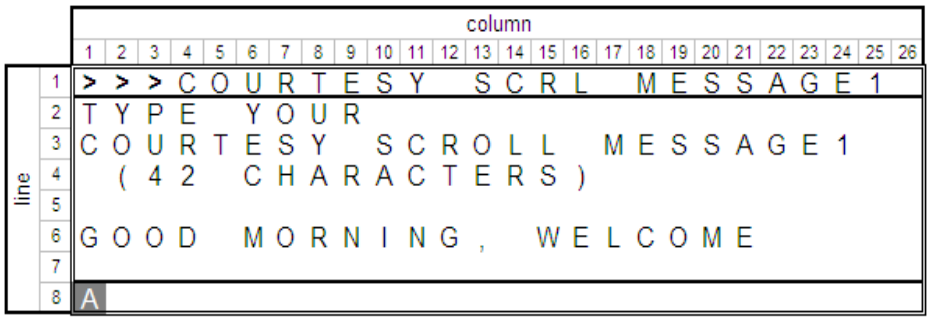
During Program, X and Z mode, the setting message is displayed from the top character to the end in turn.

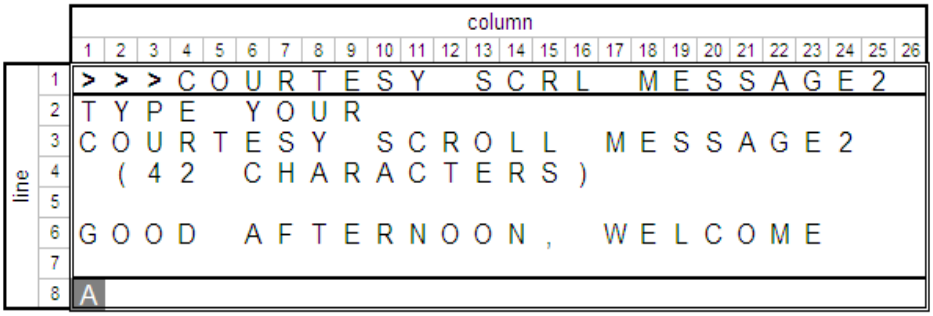
(4) SALES MESSAGE



SALES message indicates that just after payment transaction this message will automatically come up on the customer display for 2complete 100ps. After that, the message shall change to the IDLE message (AM or PM). If the message is programmed as space character or NULL data, the message on this mode will not work.

(5) COURTESY MESSAGE1 and 2



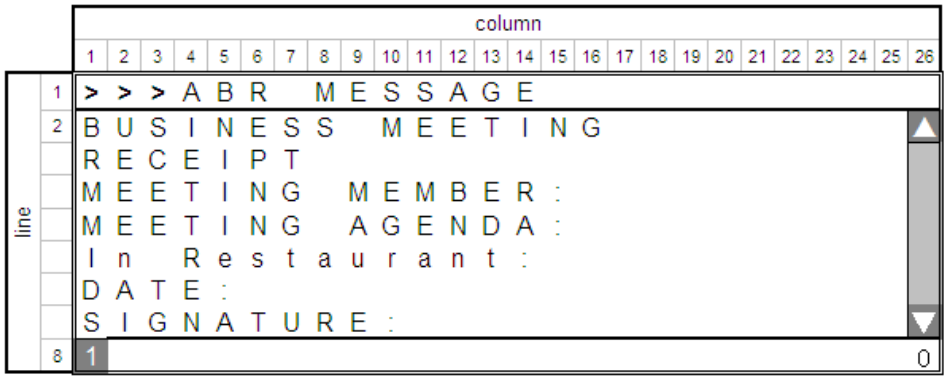


COUTESY message (1 or 2) indicates that during IDLE condition under REG mode, this message will be active. AM defines as 00:00 until 12:00 and PM means 12:00 until 0:00.

If the message is programmed as space character or NULL data, the message on this mode will not work.

8-2-11) ABR MESSAGE programming

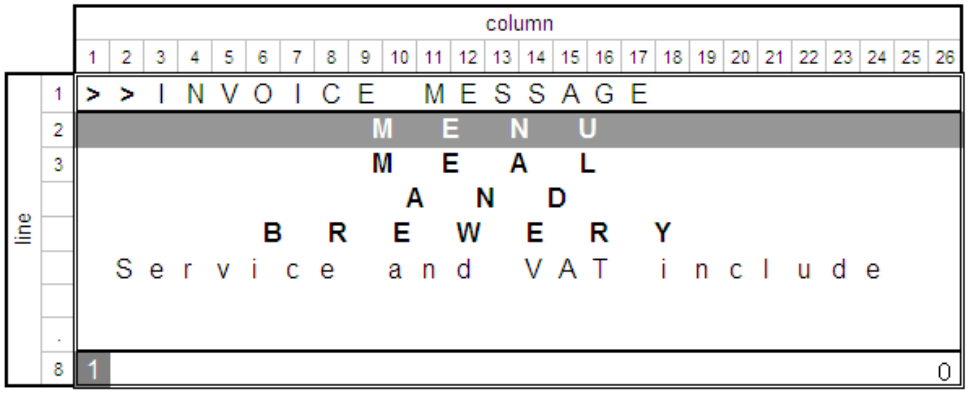
Selecting ABR MESSAGE menu from SALES PROGRAMMING will move to the will move to the 7line.



Each of line message can be selected by [↓] or [↑] with [ENTER].

8-2-12) INVOICE MESSAGE programming

Selecting INVOICE MESSAGE menu from SALES PROGRAMMING will move to the will move to the 5line.

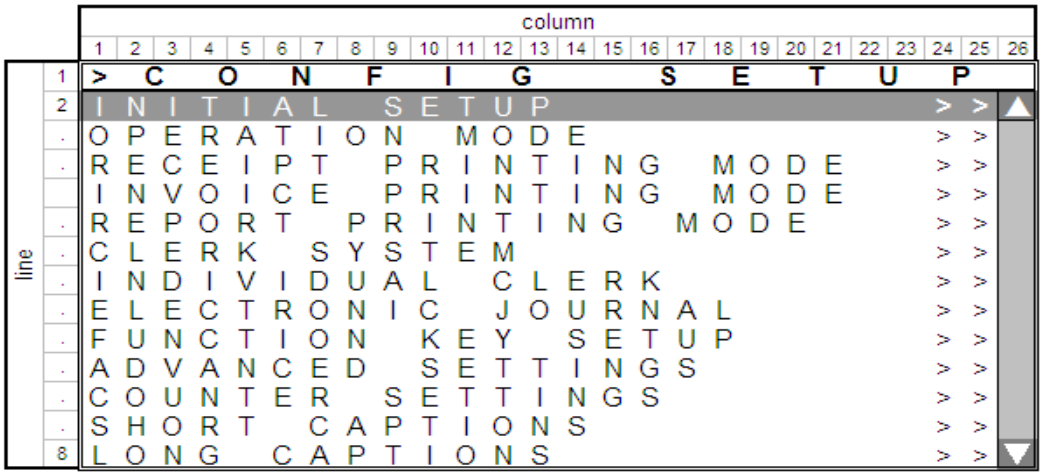


Each of line message can be selected by [↓] or [↑] with [ENTER].

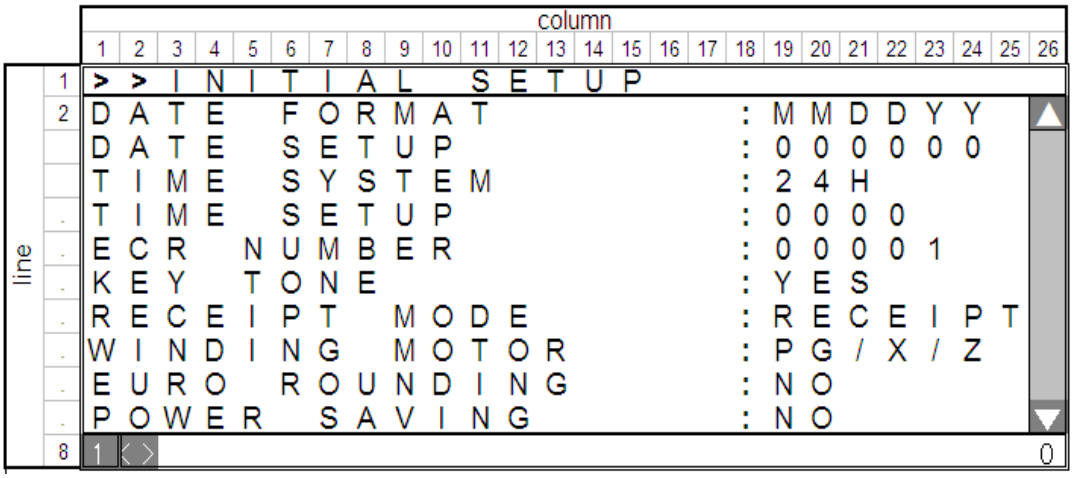
8-3) CONFIGURATION SETUP

The fundamental setting will be executed under this menu.

8-3-1) INITIAL SET UP



An ECR system as the hardware dependency requests this programming.



No of Line	Prompt	Kinds of PRG	Programming Contents	Remark and Flag shift status
01	DATE FORMAT	Flag	Date format	DDMMYY <-> MMDDYY
02	DATE SET UP	Value	Date set up value	the order of the value is DDMMYY always.
03	TIME SYSTEM	Flag	Time system selection	24H <-> 12H
04	TIME SET UP	Value	Time set up value	The adjusted time shall be programmed as 24H system.
05	ECR NUMBER	Value	ECR unique number	Within 5 digits.
06	KEY TONE	Flag	Activate Key tone	Recoginition sound in hitting key sound or not. YES <-> NO
07	RECEIPT MODE	Flag	RECEIPT/JOUNAL MODE selection	RECEIPT<->JOURNAL
08	WINDING MOTOR	Flag	Winding motor active selection	EJ RPT <-> PRG/X/Z
09	EURO ROUNDING	Flag	Euro Rounding selection	NO<-> EURO<-> AUS/SUI <-> DANISH<->NORWAY
10	POWER SAVING	Flag	Power saving selection	NO<-> 3 MIN<->5 MIN<->10 MIN

NOTE: 1. The user can select a date format as DD-MM-YY (DAY-MONTH-YEAR)
or MM-DD-YY (MONTH-DAY-YEAR).

2. In “DATE SET UP”, the current date should be adjusted at the initial programming.
This programming depends on the date format setting.
The user has to program it as DD-MM-YY order or MM-DD-YY order.

EX. In the case of Feb-20-2008, 200208 [ENTER]. (DD-MM-YY)
022008 [ENTER]. (MM-DD-YY)

3. TIME SYSTEM consists of 24H and 12H system selection.
The time system will be applied as printed and displayed information on the receipt/display.

4 In “TIME SET UP”, the current time data should be adjusted at the initial programming.
The programming data should set up as 24H system always.

5. ECR NUMBER will be applied as an unique ID in the store or the store chain.
Its number will be able to be printed on the receipt by programming.

EX. In the case of 01234, (1234) [ENTER].

6. In “KEY TONE”, the key tone sound when to hit a key will be able to be prohibited if “NO” is selected.

7. In “WINDING MOTOR”, selecting “EJ RPT”, ECR makes the motor activate during issuing EJ report.
The other selection as “PRG/X/Z” will wind the paper during PROGRAMMING, X and Z mode.

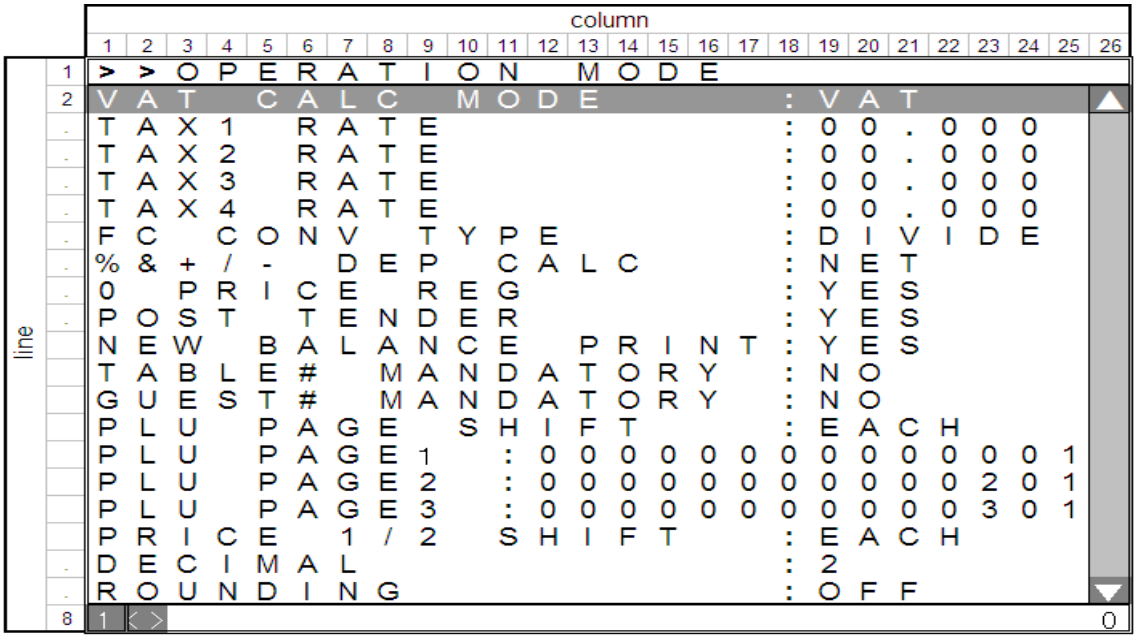
8. In “EURO ROUNDING”, selecting a rounding system, the payment amount is rounded as following method. Rounding is performed when to press TOTAL or ST key.

EURO rounding: 0.01 – 0.03 = 0.00
0.04 – 0.07 = 0.05
0.08 – 0.09 = 0.10
Australian / SWISS Rounding: 0.01 – 0.02 = 0.00
0.03 – 0.07 = 0.05
0.08 – 0.09 = 0.10
DANISH rounding: 0.01 – 0.24 = 0.00
0.25 – 0.74 = 0.50
0.75 – 0.99 = 1.00
NORWAY rounding: 0.00 – 0.49 = 0.00
0.50 – 0.99 = 1.00

9. In “POWER SAVING” ECR will be controlled to turn off after detecting idle mode.
[MENU ON/OFF] key will be available after power off mode.

8-3-2) OPERATION MODE programming

The programming parameters in this menu will cover mainly the transaction function.



No of Line	Prompt	Kinds of PRG	Programming Contents	Remark and Flag shift status
01	VAT CALC MODE	Flag	VAT calculation method	VAT <-> ADD ON <-> GST
02	TAX1 RATE	Value	TAX1 rate	5digits(xx.xxx)
03	TAX2 RATE	Value	TAX2 rate	5digits(xx.xxx)
04	TAX3 RATE	Value	TAX3 rate	5digits(xx.xxx)
05	TAX4 RATE	Value	TAX4 rate	5digits(xx.xxx)
06	FC CONV TYPE	Flag	FC conversion type selection	DIVIDE<->MULTI
07	%&+/- DEP CALC	Flag	Affect DEPT calculation	NET <-> BRUT
08	0 PRICE REG	Flag	0 price registration permission	YES <-> NO
09	POST TENDER	Flag	Post transaction tender	YES <-> NO
10	NEW BALANCE PRINT	Flag	NEW BALANCE PRINT	YES <-> NO
11	TABLE# MANDATORY	Flag	Compulsoly of Table# entry.	YES <-> NO
12	GUEST#MANDATORY	Flag	Compulsoly of Guest# entry.	YES <-> NO
13	PLU PAGE SHIFT	Flag	PLU page shift type.	EACH<->END<->STAY
14	PLU PAGE 1	Value	PLU PAGE1 start PLU#	14digits
15	PLU PAGE 2	Value	PLU PAGE2 start PLU#	14digits
16	PLU PAGE 3	Value	PLU PAGE3 start PLU#	14digits
17	PRICE 1/2 SHIFT	Flag	Price shift type.	EACH<->END<->STAY
18	DECIMAL	Value	Local money decimal position	Decimal position of local money
19	ROUNDING	Flag	Rounding for TAX and % discount.	DOWN <-> OFF <-> UP

NOTE: 1. Selecting TAX calculation method in “VAT CALC MODE”, the tax calculation will work as VAT or ADD ON TAX. When "GST" is selected, the tax calculation will work same as VAT, "TAX" text will be replaced with "GST" and "TAX INVOICE" will be printed at the bottom of the receipt.

2. Each of tax rate will be programmed from TAX1 RATE to TAX4 RATE line.
Each of rate value should consists of 2 digits for an integer and 3 digits for decimal.

Ex. 10.00% will program as 10000.

3. In " FC CONV TYPE", the method of exchange conversion will be selected as divide or multiply referring to the FC programming table.

4. In "%&+/-CALC FLG" when to calculate a transaction amount by % key or +/- key, such a calculated data will affect on the previous department sale or not.

5. In "0 PRICE REG", the permission of zero price registration will be accepted or not.

6. In "POST TENDER" the post transaction tender will be available if YES will be selected.

7. New Balance receipt will be printed when [New Balance] key is pressed.

8. Table# entry compulsory. You must enter a table# whenever you start a registration. If you skip table# entry, it will make an error.

9. Guest# entry compulsory. You must enter a guest# whenever you start a tracking entry. If you skip guest# entry, it will make an error.

10. Page shift type. "STAY" will keep the page level until the operator changes it, "END" will keep the page level within the transaction, and "EACH" will effect only the next item and will not keep the page level after all.

11. PLU PAGEn start PLU# programming

Default value : Page1 = 1 (1 - 35)
Page2 = 201 (201 - 235)
Page3 = 301 (301 - 335)

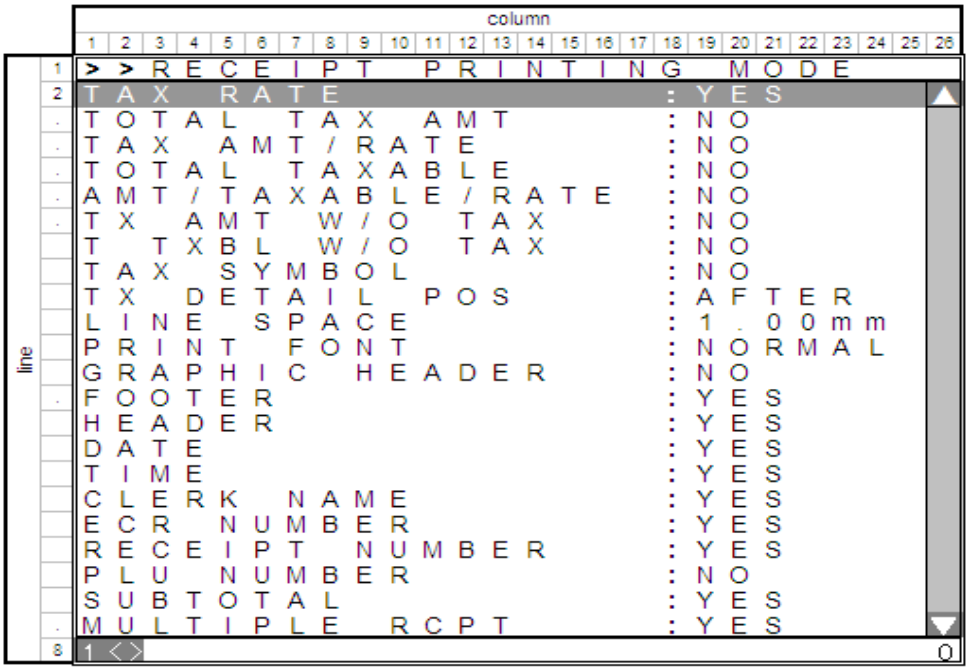
12. Price 1/2 shift type. "STAY" will keep the price level until the operator changes it, " END " will keep the price level within the transaction, and " EACH " will effect only the next item and will not keep the price level after all.

13. In "DECIMAL", the local money decimal position will be programmed. For example, in the case of EURO currency, it has 2nd decimal position normally. Then the user has to program 2 as this value.

14. In "ROUNDING", this programming will affect the calculation of TAX and % discount. For example, if the rounding is programmed by "DOWN", a fraction of a cent will round down one cent. If programmed by "OFF", a fraction over one half cent will round up one cent and a fraction under one half cent will round down one cent. If programmed by "UP", a fraction of a cent will round up one cent.

8-3-3) RECEIPT PRINTING MODE during REG/MGR mode

The detail programming whether a certain data will be printed on the receipt will be controlled under this menu.



No of Line	Prompt	Kinds of PRG	Programming Contents	Remark and Flag shift status
01	TAX RATE	Flag	TAX rate print on the receipt	YES <-> NO
02	TOTAL TAX AMT	Flag	Total tax amount print on the receipt	YES <-> NO
03	TAX AMT/RATE	Flag	TA dependign on each TAX % print	YES <-> NO
04	TOTAL TAXABLE	Flag	Total TAX print on the receipt	YES <-> NO
05	AMT/TAXABLE/RATE	Flag	Total TAXon each TAX % print	YES <-> NO
06	TX AMT W/O TAX	Flag	TAX without TAX print on the receipt	YES <-> NO
07	TXBL W/O TAX	Flag	Total TAX witout TAX print on the receipt	YES <-> NO
08	TAX SYMBOL	Flag	TAX symbol on each item print on the receipt	YES <-> NO
09	TX DETAIL POS	Flag	Where does the TAX detail print on?	AFTER <-> BEFORE
10	LINE SPACE	Flag	The gap between lines is how far.	0.50mm <-> 1.00mm <-> 1.50mm <-> 2.00mm
11	PRINT FONT	Flag	Which type of font will be printed?	NORMAL <-> CMPRSS <-> DOUBLE
12	GRAPHIC HEADER	Flag	Graphic header will be printed.	YES <-> NO
13	FOOTER	Flag	Footer text will be printed.	YES <-> NO
14	HEADER	Flag	Header text will be printed.	YES <-> NO
15	DATE	Flag	DATE will be printed on the receipt.	YES <-> NO
16	TIME	Flag	TIME will be printed on the receipt.	YES <-> NO
17	CLERK NAME	Flag	CLERK NAME will be printed on the receipt.	YES <-> NO
18	ECR NUMBER	Flag	ECR ID number will be printed.	YES <-> NO
19	RECEIPT NUMBER	Flag	Consecutive number will be printed.	YES <-> NO
20	PLU NUMBER	Flag	PLU number will be printed with PLU item.	YES <-> NO
21	SUBTOTAL	Flag	Subtotal amount will be printed.	YES <-> NO
22	MULTIPLE RCPT	Flag	Multiple receipt will be available.	YES <-> NO

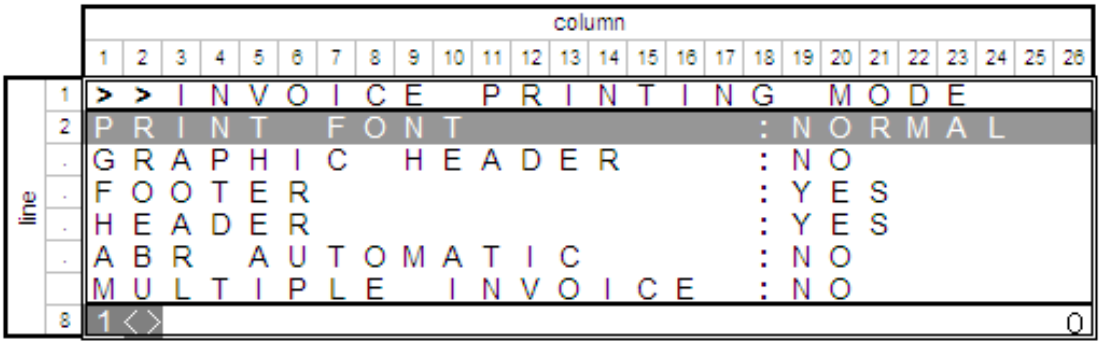
NOTE: 1. In “TX DETAIL POS”, the each of tax data will be printed above the payment tender or below the payment tender.

2. By “LINE SPACE”, when to print something, ECR controls a gap between lines referring to this program.

3. By “RECEIPT FONT”, the user can program all of font on the line during REG/MGR mode. “CMPRSS” will execute a compression font on the paper in order to save a paper. Selecting “DOUBLE” of fonts will contribute a high readability on the receipt.

8-3-4) INVOICE PRINTING MODE

The detail programming whether a certain data will be printed on the INVOICE will be controlled under this menu.



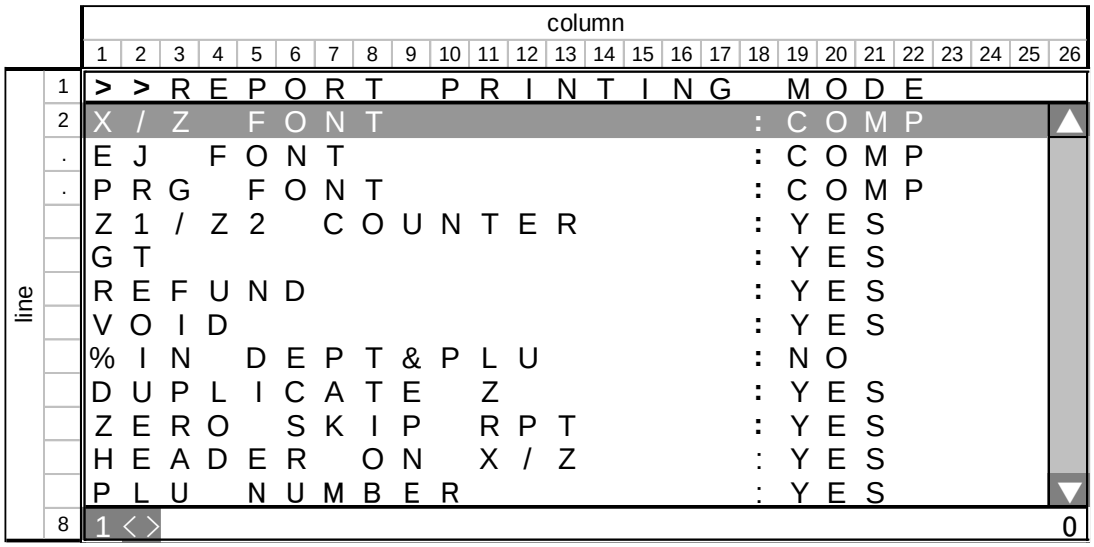
No of Line	Prompt	Kinds of PRG	Programming Contents	Remark and Flag shift status
01	PRINT FONT	Flag	Selection of print font style	NORMAL<->COMP
02	GRAPHIC HEADER	Flag	print graphic header or not	YES <-> NO
03	FOOTER	Flag	print footer or not	YES <-> NO
04	HEADER	Flag	print header or not	YES <-> NO
05	ABR AUTOMATIC	Flag	print ABR automatically after invoice or not	YES <-> NO
06	MULTIPLE INVOICE	Flag	print MULTIPLE INVOICE or not	YES <-> NO

NOTE: 1. If automatic ABR text are added automatically after invoice printing. If non automatic user must press ABR key to issue the ABR receipt.

2. When "ABR AUTOMATIC" is set to YES, ABR Will be automatically issued only when tracking sales is finalized.

8-3-5) REPORT PRINTING MODE during X/Z/PRG MODE.

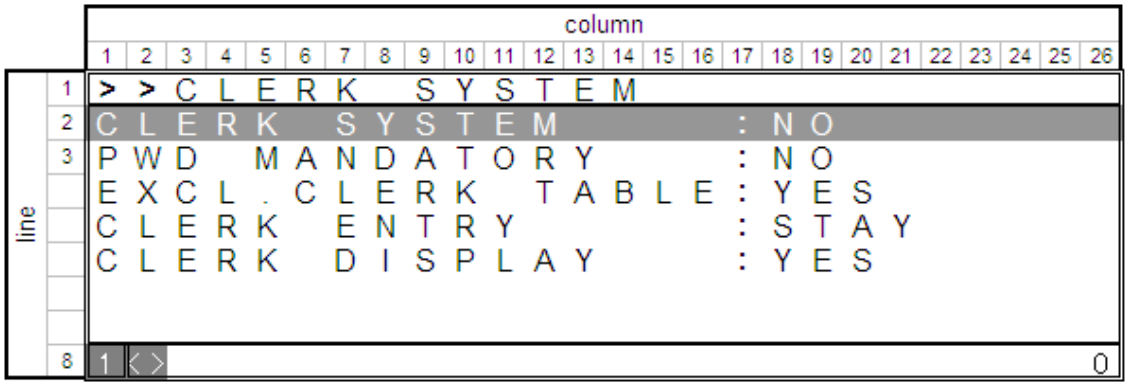
The detail programming whether a certain data will be printed on the report will be controlled under this menu.



No of Line	Prompt	Kinds of PRG	Programming Contents	Remark and Flag shift status
01	X/Z FONT	Flag	Selection font on X/Z	NORMAL <-> COMP
02	EJ FONT	Flag	Selection of font on EJ report	NORMAL <-> COMP
03	PRG FONT	Flag	Selection of PRG report font style	NORMAL <-> COMP
04	Z1/Z2 COUNTER	Flag	Z counter will print on the report or not.	YES <-> NO
05	GT	Flag	GT will print on the report or not.	YES <-> NO
'06	REFUND	Flag	REFUND value will print on the report or not.	YES <-> NO
07	VOID	Flag	VOID value will print on the report or not.	YES <-> NO
08	% IN DEPT&PLU	Flag	% ratio on each of DEPT/PLU will print or not.	YES <-> NO
09	DUPLICATE Z	Flag	Duplication of Z report will be available.	YES <-> NO
10	ZERO SKIP RPT	Flag	Zero skip on the report will be activating.	YES <-> NO
11	HEADER ON X/Z	Flag	HEADER will print on X/Z.	YES <-> NO
12	PLU NUMBER	Flag	PLU number will be printed with PLU item.	YES <-> NO

8-3-6) CLERK SYSTEM programming

Selecting CLERK SYSTEM from CONFIG SET menu will move to all of CLERK system programming menu.



No of Line	Prompt	Kinds of PRG	Programming Contents	Remark and Flag shift status
01	CLERK SYSTEM	Flag	Clerk Login System works.	YES <-> NO
02	PWD MANDATORY	Flag	PASS WORD compulsory selection.	YES <-> NO
03	EXCL..CLERK TABLE	Flag	Exclusive Clerk per TABLE	YES <-> NO
04	CLERK ENTRY	Flag	Clerk stay down selection	ONE TRN <-> STAY
05	CLERK DISPLAY	Flag	CLERK NAME display	YES <-> NO

NOTE: 1. In “CLERK SYSTEM”, if the user will select YES on the menu, ECR requests a clerk sign in before registration.

2. In “PWD MANDATORY”, selecting YES will compel a clerk to enter PASS WORD when to long in.

3. In “EXCL..CLERK TABLE”, if you active this flag, the table once a clerk opened will be security looked and the clerk who opened the table can only re-open the table. Manager clerk will be able to control any table even this flag is set to “YES”.

4. In “CLERK ENTRY”, ECR request a clerk long-in at the beginning of registration every time if the user selects “ONE TRN”. On the other hands, “STAY” will keep the logged clerk until sign-off operation.

5. Selecting “YES” on “CLERK DISPLAY”, ECR displays CLERK NAME during IDLE condition or DATE/TIME display mode.

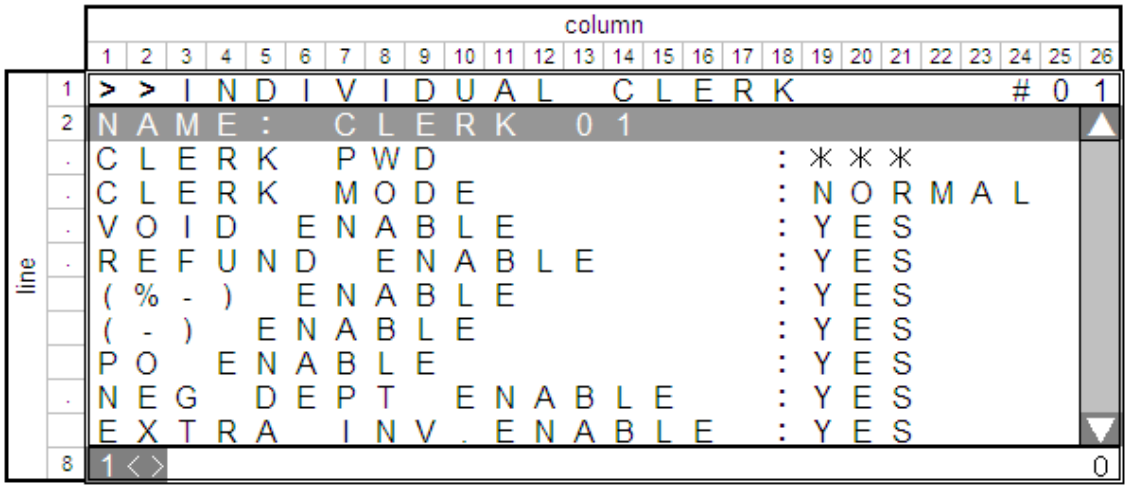
8-3-7) INDIVIDUAL CLERK programming

Selecting CLERK ENTRY from the CLERK SYSTEM menu will move to the CLERK # 01 detail programming menu. If the user want to move the other clerk #, the following key operation will be accepted.

The current Clerk will move to the next by direct [NEXT].

(Clerk#) → [NEXT] →

01 - 15 To move to the adequate Clerk



No of Line	Prompt	Kinds of PRG	Programming Contents	Remark and Flag shift status
01	NAME	Caption	Clerk Name	Within 24 character
02	CLERK PWD	Value	Pass code entry .	3 digits
03	CLERK MODE	Flag	Select a training clerk or not.	NORMAL <-> TRAINING
04	VOID ENABLE	Flag	VOID operation permitted	YES <-> NO
05	REFUND ENABLE	Flag	REFUND operation permitted.	YES <-> NO
06	(%-) ENABLE	Flag	(%-) operation permitted.	YES <-> NO
07	(-) ENABLE	Flag	(-) operation permitted.	YES <-> NO
08	PO ENABLE	Flag	PO operation permitted.	YES <-> NO
09	NEG DEPT ENABLE	Flag	Negative DEPT permitted.	YES <-> NO
10	EXTRA INV.ENABLE	Flag	EXTRA INV permitted.	YES <-> NO

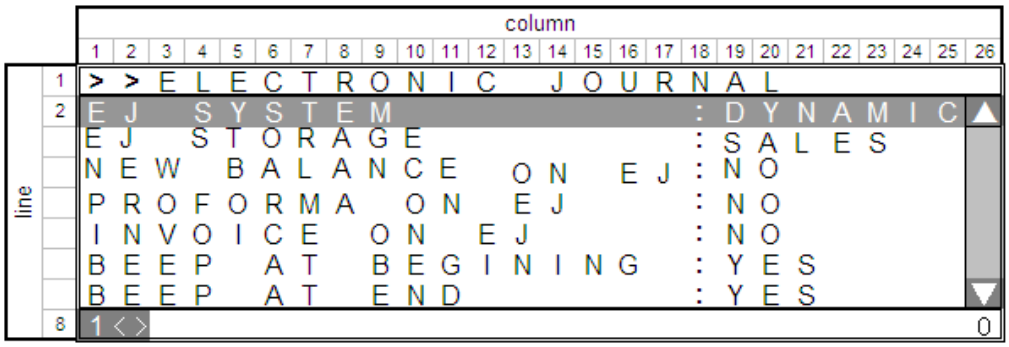
NOTE: 1. Every clerk can have a pass code to operate under secure condition by using “CLERK PWD”. Value 000 will be neglect for a pass code entry when to long in.

2. In “CLERK MODE”, a certain clerk will be programmed as a training clerk.

3. Each of clerk will be programmed whether the below operation shall be permitted. VOID, REFUND, %-, -, PO and Negative Department.

8-3-8) ELECTRONIC JOURNAL programming

Selecting ELECTRONIC JOURNAL menu from Configuration SET menu will move to the EJ configuration program.



No of Line	Prompt	Kinds of PRG	Programming Contents	Remark and Flag shift status
01	EJ SYSTEM	Flag	EJ System selection.	STNDARD <-> DYNAMIC <-> SD. see NOTE.
02	EJ STORAGE	Flag	What type of data will be stored?	SALES <-> ALL TRN
03	NEW BALANCE ON EJ	Flag	Whether NEW BALANCE enters EJ or not?	YES <-> NO
04	PROFORMA ON EJ	Flag	Whether PROFORMA enters EJ or not?	YES <-> NO
05	INVOICE ON EJ	Flag	Whether INVOICE enters EJ or not?	YES <-> NO
06	BEEP AT BEGINING	Flag	Near end beep at the begining	YES <-> NO
07	BEEP AT END	Flag	Near end beep at the end.	YES <-> NO

NOTE: 1. EJ SYSTEM can be programmed as follows.

STANDARD: Registering EJ data sequentially and detect the near end for the memory capacity.

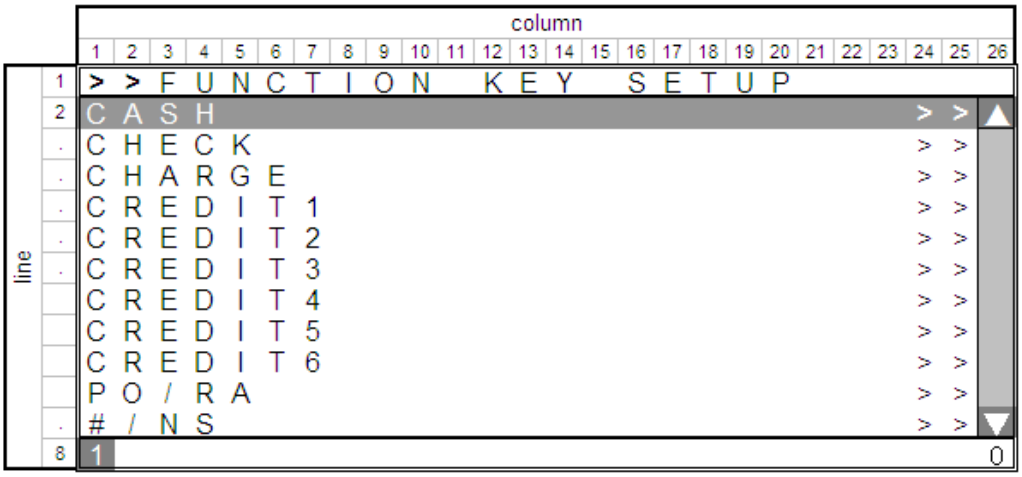
DYNAMIC: Registering EJ data and even arriving at the end of memory, EJ saving will continuously work from the top of memory circularly. In this case the near end detection does not work.

SD: The buffered EJ will be automatically saved into SD memory card until SD memory card be full capacity. Even operating “FULL RESET”, “FULL RST W/O LANGUAGE” and “SALES REPRT RESET” cannot clear EJ data. Only by using “EJ MEMORY CLEAR” operation, clear function will work on SD. Issuing EJ Print does not clear either.

2. In “BEEP AT BEGIN” and “BEEP AT END”, a beep sound for the near end memory at the beginning of transaction or the end of transaction will be programmed. This beep sound will be available for the case of selected STANDARD EJ only.

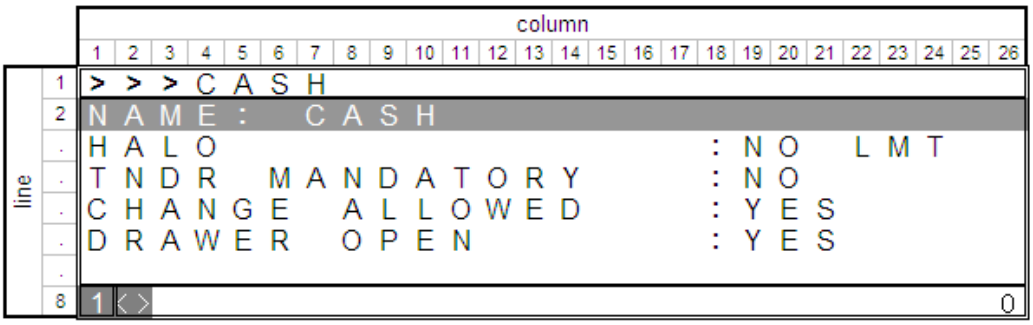
8-3-9) FUNCTION KEY programming

Selecting FUNCTION KEY menu from Configuration SET menu will move to the programmable key function programming menu.



(1) PAYMENT KEY programming

CASH, CHARGE and CREDIT 1 to 6 will be programmed as the following menu.



Regarding HALO programming, it follows other HALO programming method in DEPARTMENT HALO.
The rest of menu is it is possible to program a selection of YES/NO.
Each of parameters is

TNDR COMPULSORY: TENDER AMOUNT should be requested at a targeted payment key.
If the operator will forget entering a tender amount, ECR sound an operation error.

CHANGE ALLOWED: Making a change amount will be permitted or not.

OPEN DRAWER: When to operate a payment, opening drawer does not work with NO programming.

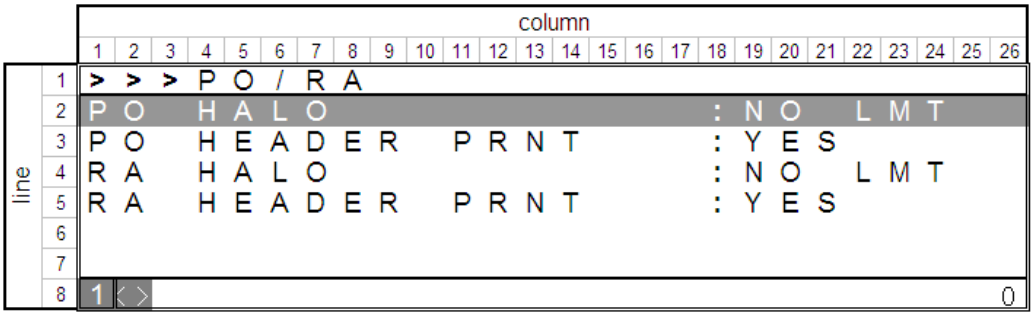
(2) PO/RA (Paid out and Receive on account) key programming

PO and RA have the same programming parameters.

HALO programming is the same way as the others.

RECEIPT HEADER PRNT (print) is able to be reduced printing header logo for each.

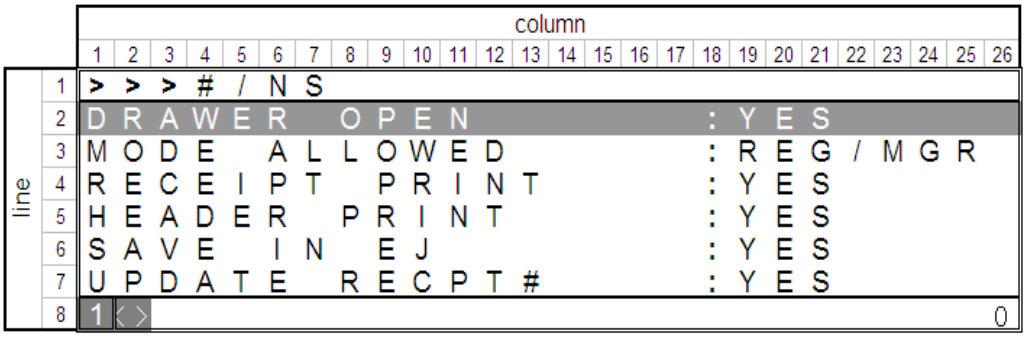
YES/NO programming is requested.



(3) #/NS key programming

This programming affects NS function operation. # key itself is not reflected.

Each of menu means the following things.



DRAWER OPEN: Permit the drawer open when to operate NS function.
By YES/NO programming, this parameter will be selected.

MODE ALLOWED: NS key will be permitted under REG mode and MGR mode or only MGR mode.
Please see the below menu .

RECEIPT PRINT: Permission of issuing a receipt ticket by NS function. YES/NO selection will be applied.

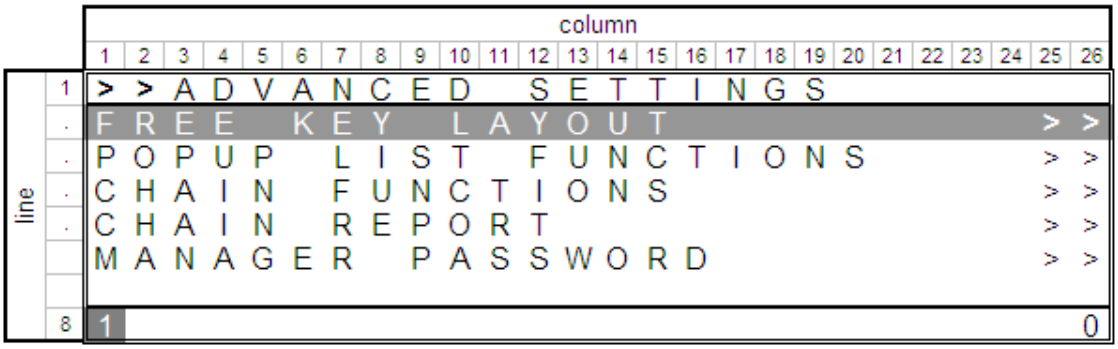
HEADER PRINT: Printing the header logo on the receipt or not. YES/NO selection will be applied.

SAVE IN EJ: The data of NS is saved into EJ or not. YES/NO selection will be applied.

UPDATE RECPT# (RECEIPT CONSECUTIVE NO.): After execution of NS, the receipt consecutive no will be updated or not. YES/NO selection will be applied.

8-3-10) ADVANCED SETTINGS

To use ECR more effectively, ADVANCED SETTINGS menu can deeply program ECR system.

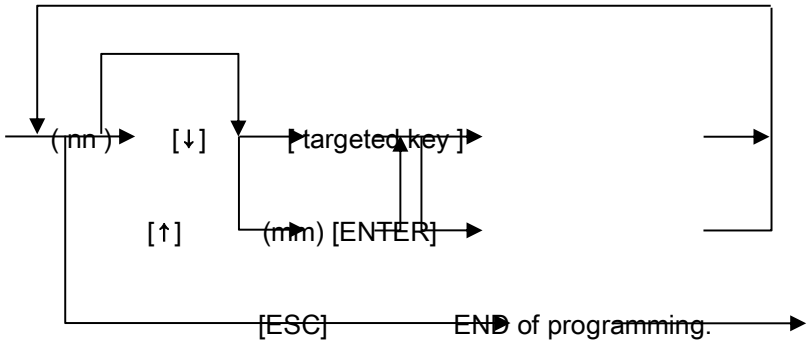


8-3-10-1) FREE KEY LAY-OUT programming

Except for the following keys, ECR can re-program key lay-out using this menu.
Omitted keys ECR can not program for a free key are

CLEAR, 00, 0 - 9, (.), FEED, MENU ON/OFF, ←, →, ↑, ↓ and TOTAL key.

Programming key sequence follows the below manner.

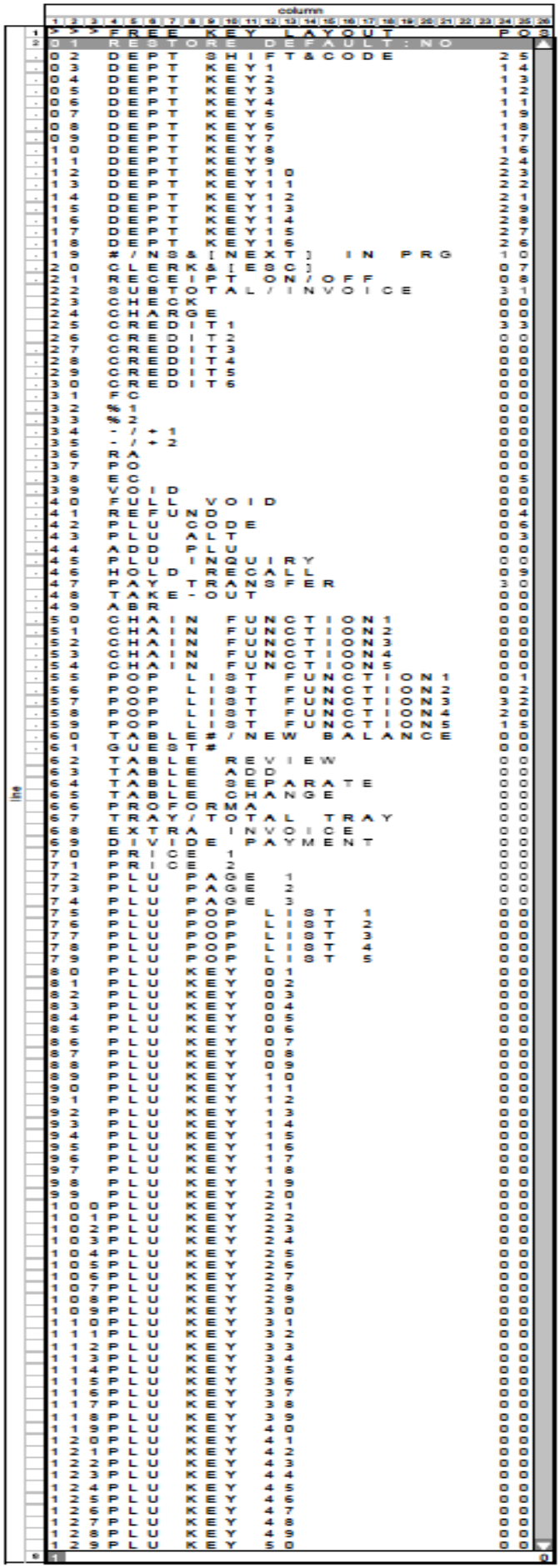


nn: line number of the left side column. mm: a hard location number

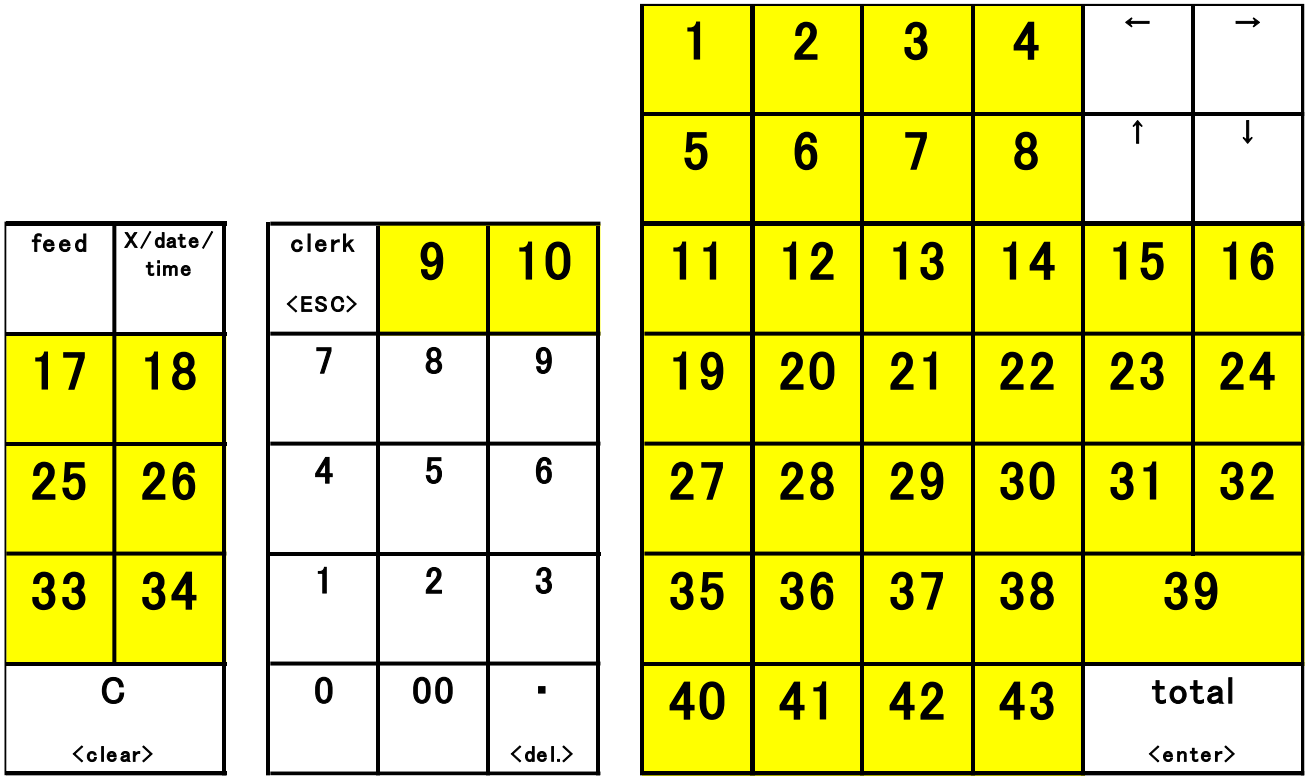
1. Using [↑] and [↓], the line cursor will be moved on a target key function and then hit [targeted key] on the ECR key which the user wants to locate or enter the hardware location number with [ENTER] key.

2. Enter a prompt line code (displaying it at the left side) with [↑] or [↓] and then hit [targeted key] or enter the hardware location number with [ENTER] key.

3. In order to complete or quite this programming menu, [ESC] key will be requested.


column
line

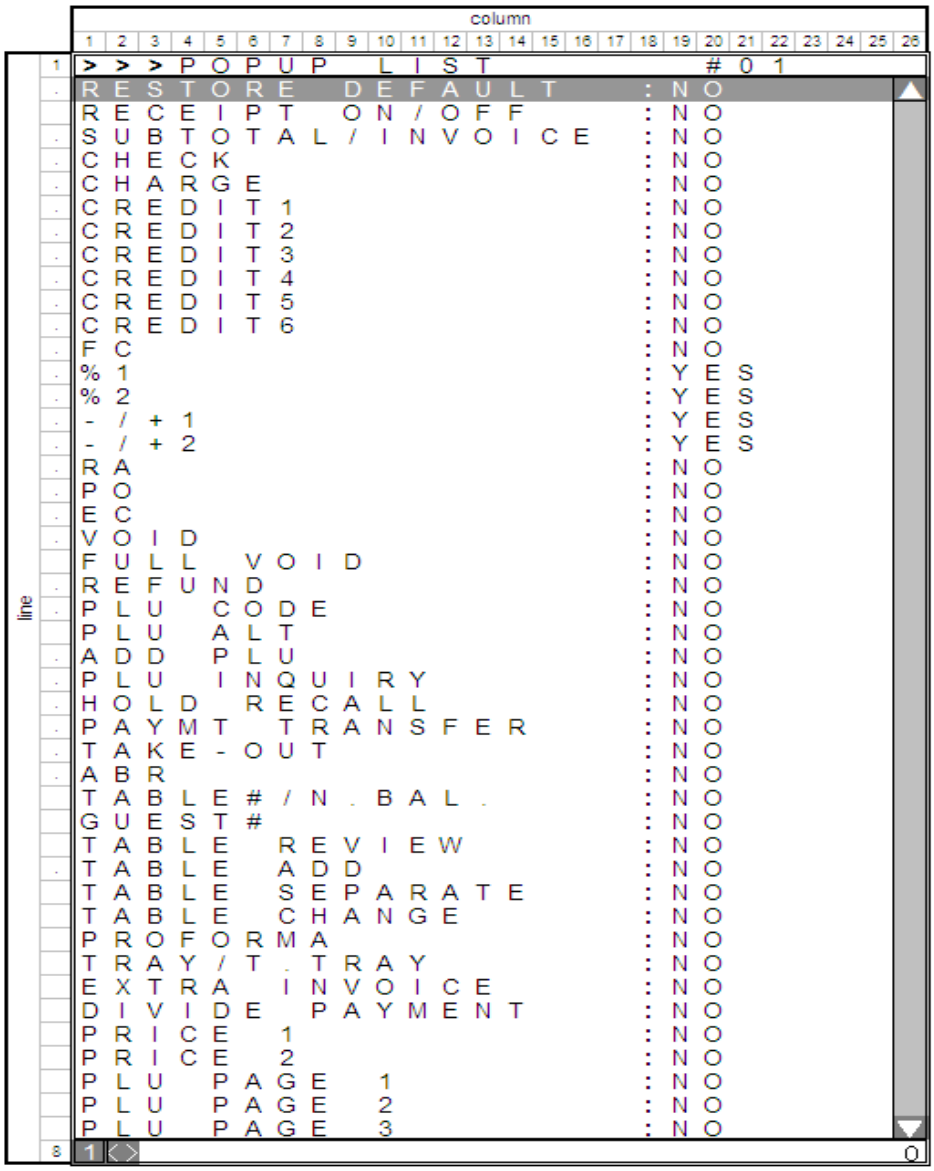
4. After assignment of key, the hardware location number will be displayed at the right side.
Showing the value is referring to each of the below numbered key.



5. If the user selects “RESTORE DEFAULT” with “YES”, the key board layout shall be reset and restored as the default setting.
In this operation, until depressing [ENTER] key after “YES” ECR dose not execute the restore operation.

8-3-10-2) POP LIST programming

Selecting POP LIST from ENHANCEMENT SET UP menu will move to the POP LIST #01 setting menu.
ECR has totally five POP LIST memories. Each of memory consists of 27 keys on the list.
If the user wants to move the other POP LIST, (POPUP LIST#) then [NEXT] key.



Each of menu will work as following selection.

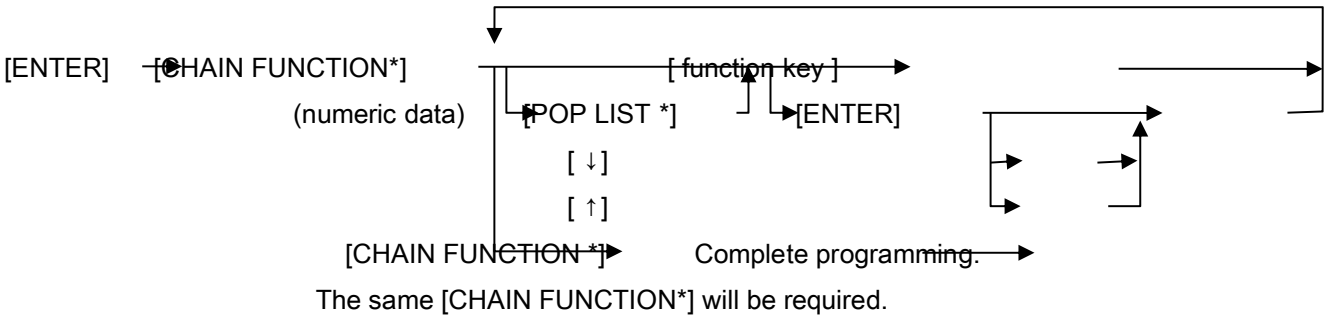
1. Each of menu will select YES or NO by [←] or [→] key.
2. RESTORE DEFAULT means if the user selects YES, ECR restores a default POP LIST data.
   In this operation, [ENTER] key after YES shall be required.
3. If the user wants to modify a POP LIST, RESTORE DEFAULT should be selected as NO.
4. Select a function key on the menu moving a line cursor by [↓] or [↑].
5. ECR stores the programmed order in the POP LIST memory.

6. In order to complete POP LIST programming, [ESC] key shall be requested.

8-3-10-3) CHAIN FUNCTION programming

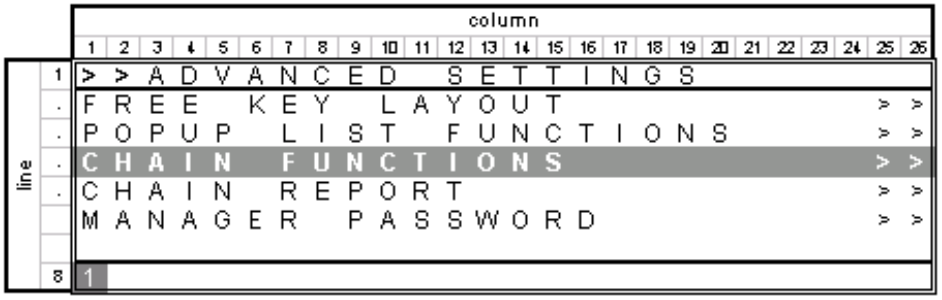
Selecting CHAIN FUNCTION from ADVANCED SETTINGS menu will move to the CHAIN FUNCTION #01 setting menu. ECR has totally five CHAIN FUNCTIONs. If the user wants to move the other CHAIN FUNCTION, press [ENTER] and then a located [CHAIN FUNCTION *] key can be available.

The programming key sequence is the following manner.

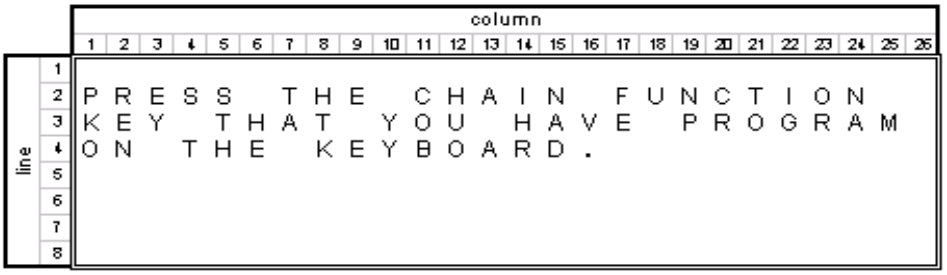


Basically all of programming keys will follow the registration key sequence.
The following keys can not be programmed in a CHAIN FUNCTION key.
CLEAR, FEED, POP LIST *, CHAIN FUNCTION *, [→], [←], [↑] and [↓]

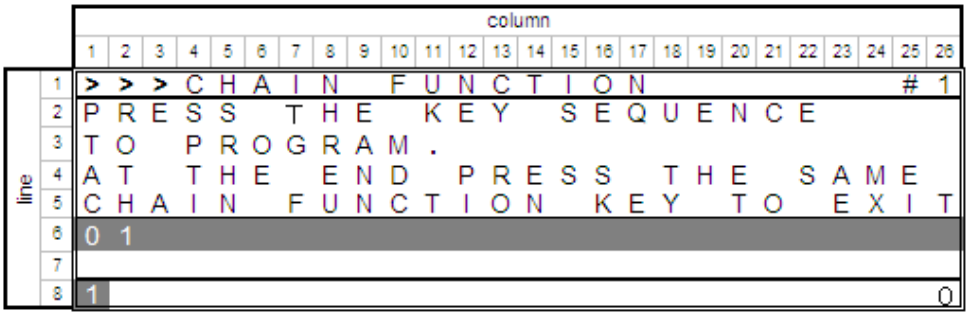
NOTE: During this programming, [NEXT] and [ESC] key can not be used.

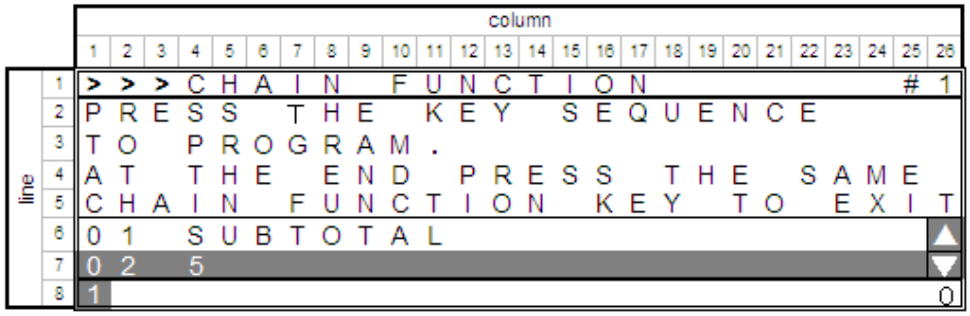


[ENTER]



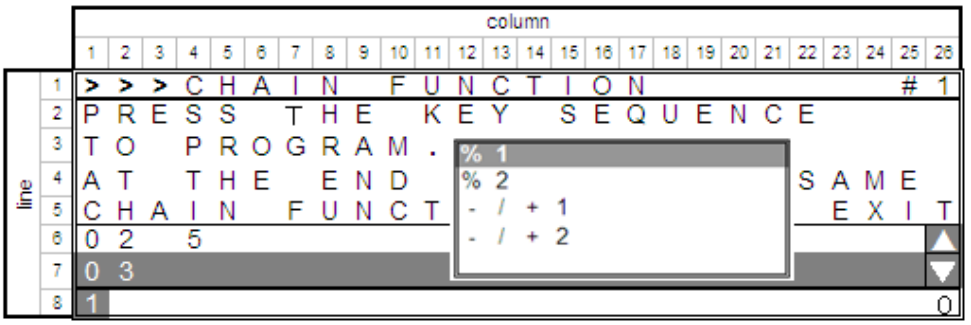
[CHAIN FUNC1]





[ST]

(5)

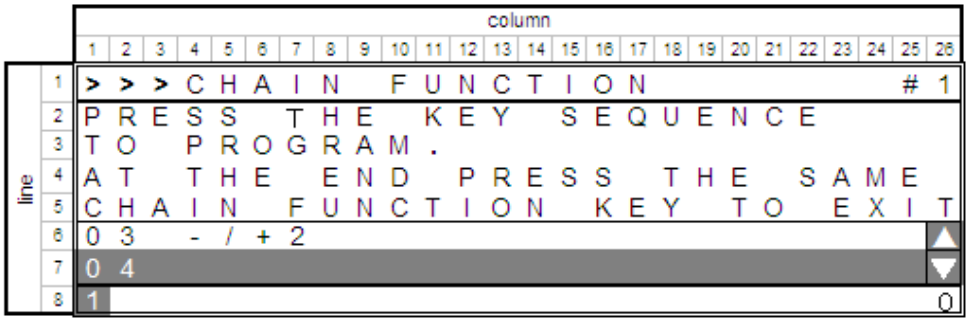


[POP LIST 3]

[↓] [↓] [↓]

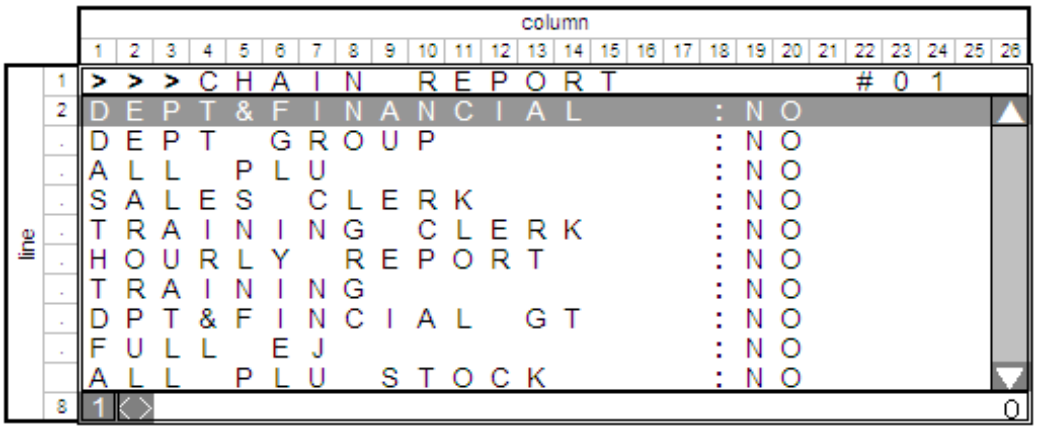
[ENTER]

Select [-/+2]



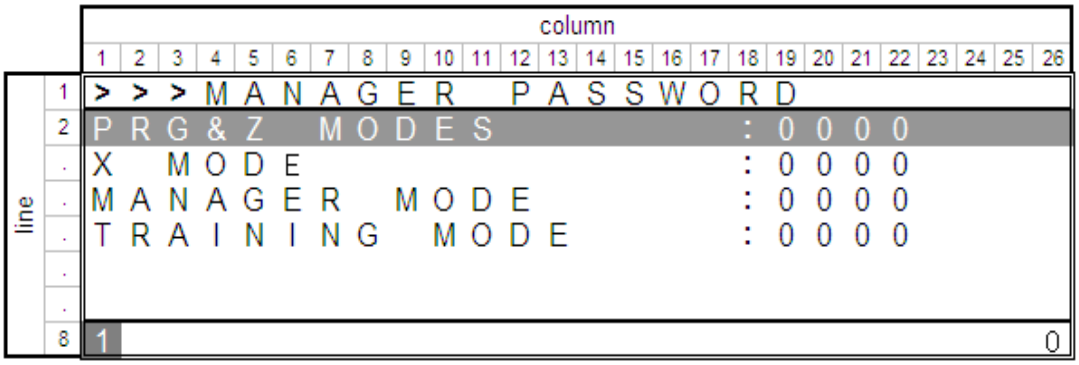
[CHAIN FUNC1] for exit

8-3-10-4) CHAIN REPORT programming



Programming an adequate report item on the chain report#01 to #05, just certain selection of the hagrin report will issue all of programmed report at once under X and Z mode.

8-3-10-5) MANAGER PASS CODE programming



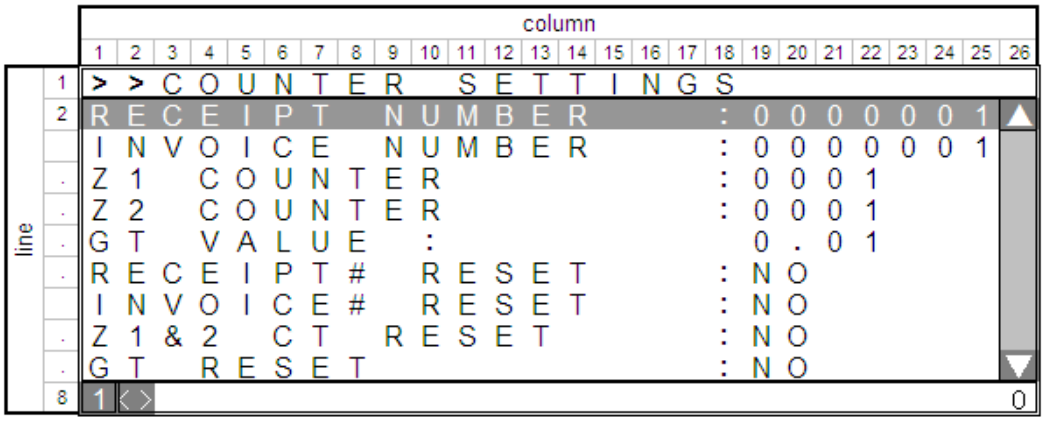
Each of the secured operation like PROGRAMMING & Z repot, X report, MANAGER mode and TRAINING mode shall be available to protect operation by the pass code.

Unless entering these programmed pass code, the related operation mode can not be permitted.

8-3-10-6) COUNTER SETTINGS

On this menu, CONSECUTIVE NUMBER, Z1 COUNTER, Z2 COUNTER and GT value are initially programmed.

And each of counter reset program means to activate initialization of these counters to the programmed value after Z1 repot execution.

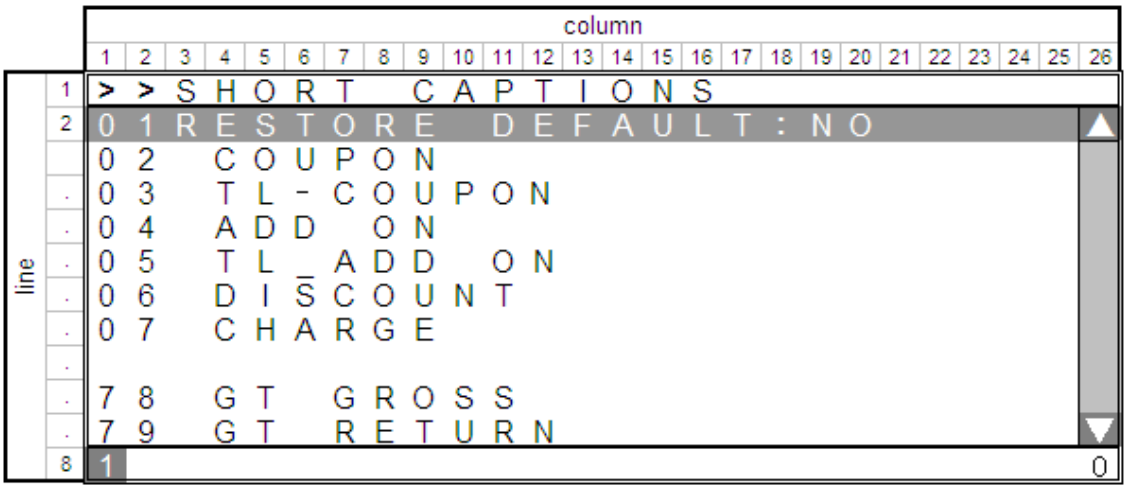


NOTE: GT VALUE will be displayed from the lowest digit within 7digits only.

No of Line	Prompt	Kinds of PRG	Programming Contents	Remark and Flag shift status
01	RECEIPT NUMBER	Value	Receipt consecutive initial number	(1-9999999)
02	INVOICE NUMBER	Value	Invoice consecutive initial number	(1-9999999)
03	Z1 COUNTER	Value	Z1 initial counter value	(1-9999)
04	Z2 COUNTER	Value	Z2 initial counter value	(1-9999)
05	GT VALUE	Value	GT initial value	12digits
06	RECEIPT# RESET	Flag	Receipt consecutive number reset or not.	YES <-> NO
07	INVOICE# RESET	Flag	Invoice consecutive number reset or not.	YES <-> NO
08	Z1&2 CT RESET	Flag	Z1 and Z2 counter reset or not.	YES <-> NO
09	GT RESET	Flag	GT reset or not	YES <-> NO

Note) Enter the invoice number, then [TOTAL] key : Normal invoice number setting

8-3-10-7) SHORT CAPTIONS programming



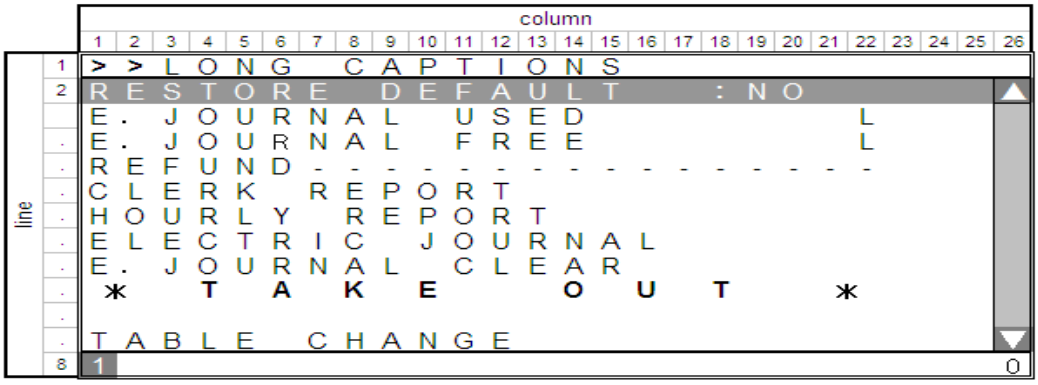
All of the short cahptions are the follows.

002	COUPON
003	TL-COUPON
004	ADD ON
005	TL_ADD ON
006	DISCOUNT
007	CHARGE
008	TL-CHARGE
009	VOID/CORR
010	TL-VD/CORR
011	SUBTOTAL
012	CHANGE
013	CASH
014	TL-CASH
015	AMOUNT
016	CHECK
017	TL-CHECK
018	TOTAL
019	TL-PLU
020	NO SALE
021	TL-NS
022	RECD ACCT
023	TL-RECD AC
024	PAID OUT
025	T-PAID OUT
026	NON TAX

027 TRANSFER
028 DEPT TOTAL
029 REFUND
030 NET
031 GROSS
032 GT
033 TXBL_W_
034 TXBL_O_
035 VAT
036 TL-VAT
037 TXBL_TL_W
038 TXBL_TL_O
039 C-I-D
040 CHECK ID
041 CHARGE ID
042 C CRED1 ID
043 C CRED2 ID
044 C CRED3 ID
045 C CRED4 ID
046 C CRED5 ID
047 C CRED6 ID
048 CREDIT1
049 CREDIT2
050 CREDIT3
051 CREDIT4
052 CREDIT5
053 CREDIT6
054 ADJUST
055 MC NO.
056 PLU
057 DEPT
058 DPT-G
059 CLERK
060 FC
061 CANCEL
062 PRICE–
063 PLU PAGE–
064 NEW–BAL
065 OLD–BAL
066 CLOSE–BAL
067 TABLE#

068 GUEST#
069 OPEN TABLE
070 INVOICE
071 DUE
072 TRAY TOTAL
073 TAKE OUT
074 GUEST NR．?
075 TABLE NR．?
076 :PAY L
077 DRW OPEN
078 GT GROSS
079 GT RETURN

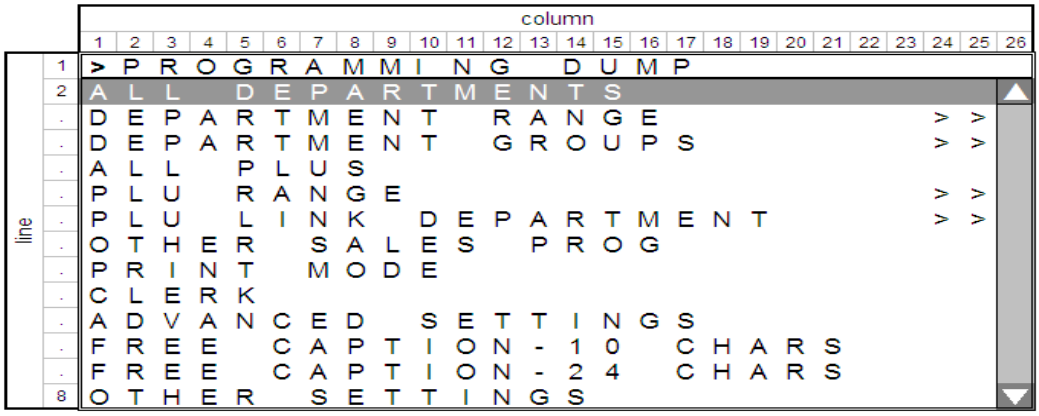
8-3-10-8) LONG CAPTIONS programming



All of the long cahptions are the follows.

001 E.JOURNAL USED L
002 E.JOURNAL FREE L
003 REFUND-------
004 CLERK REPORT
005 HOURLY REPORT
006 ELECTRIC JOURNAL
007 E.JOURNAL CLEAR
008 * TAKE OUT *
009 PLU REPORT
010 PLU STOCK REPORT
011 ///////// HOLD /////////
012 //////// RECALL ////////
013 ////// FULL VOID ///////
014 <<< RESET >>>
015 - - - - - !!! - - - - -
016 INVOICE
017 PROFORMA
018 REVIEW
019 COPIED
020 OPEN TABLE REPORT
021 TABLE GATHER
022 TABLE SEPARATE
023 TABLE CHANGE
024 TAX INVOICE
025 * INDICATES Rev.B
026 TAXABLE SUPPLY

8-4) PROGRAM DUMP report

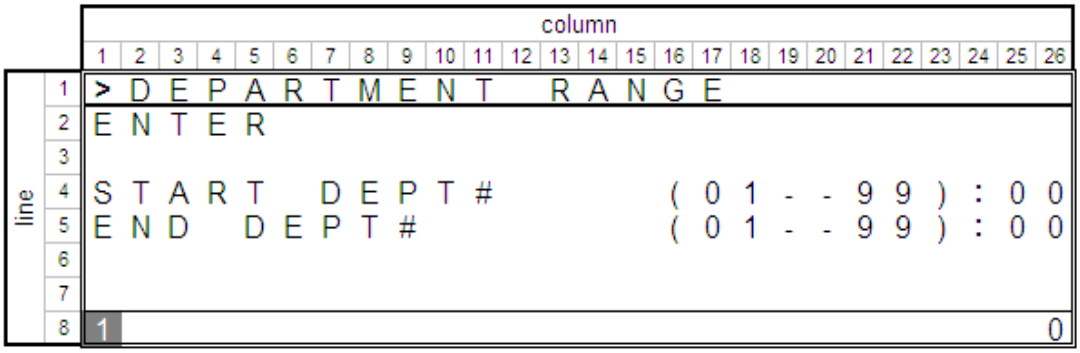


8-4-1) Dump report of all department

Note) Please keep pushing the [FEED] key when you want to stop dump report.

```
------------------------
DEPARTMENT CODE    ??#01
NAME: DEPT 01
DP GROUP LINK : 01
PRICE         : 10.00
PRICE TYPE    : PRESET
SIGN          : PLUS
TYPE          : STD
HALO          : NO LMT
TAX STATUS    : NO TAX
TAKE-OUT TAX  : NO TAX
DEPARTMENT CODE    ??#02
NAME: DEPT 02
DP GROUP LINK : 02
PRICE         : 20.00
PRICE TYPE    : NORMAL
SIGN          : MINUS
TYPE          : SINGLE
HALO          : 99.99
TAX STATUS    : TAX 2
TAKE-OUT TAX  : TAX 1
              :
              :
DEPARTMENT CODE    ??#99
NAME: DEPT 99
DP GROUP LINK : 00
PRICE         : 0.00
PRICE TYPE    : OPEN
SIGN          : PLUS
TYPE          : STD
HALO          : NO LMT
TAX STATUS    : NO TAX
TAKE-OUT TAX  : NO TAX
------------------------
```

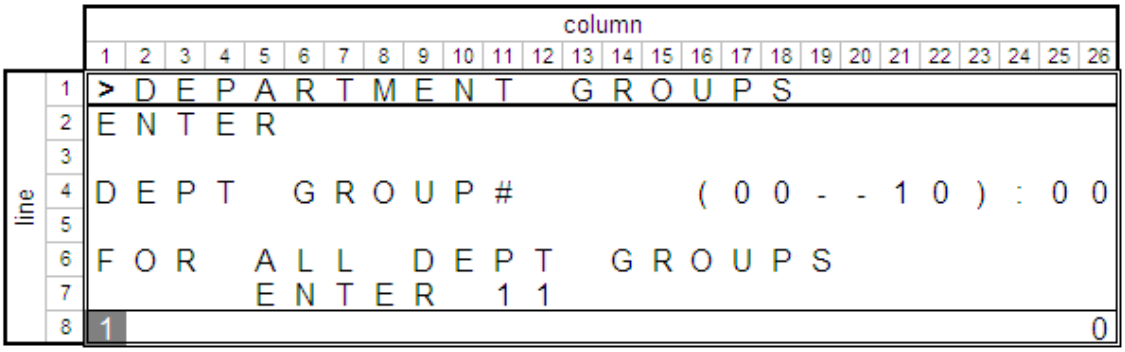
8-4-2) Dump report of range department



Note) Please keep pushing the [FEED] key when you want to stop dump report.

```
------------------------
DEPARTMENT CODE    ??#01
NAME: DEPT 01
DP GROUP LINK : 01
PRICE         : 10.00
PRICE TYPE    : PRESET
SIGN          : PLUS
TYPE          : STD
HALO          : NO LMT
TAX STATUS    : NO TAX
TAKE-OUT TAX  : NO TAX
DEPARTMENT CODE    ??#02
NAME: DEPT 02
DP GROUP LINK : 02
PRICE         : 20.00
PRICE TYPE    : NORMAL
SIGN          : MINUS
TYPE          : SINGLE
HALO          : 99.99
TAX STATUS    : TAX 2
TAKE OUT TAX  : TAX 1
------------------------
```

8-4-3) Dump report of liking department group



Note) Please keep pushing the [FEED] key when you want to stop dump report.

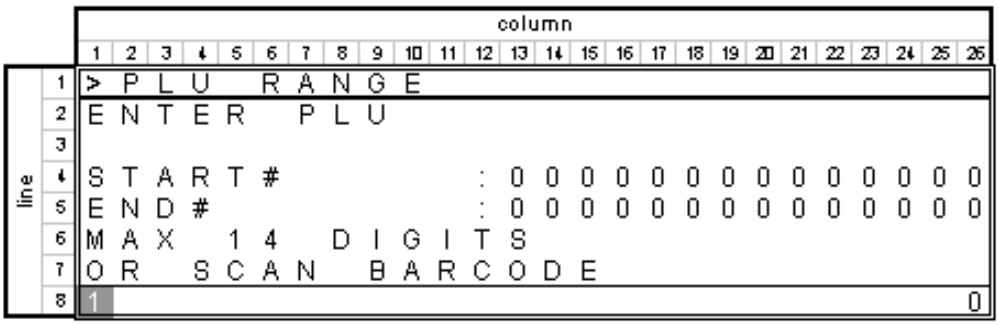
```
DPT-G  01: DPT-G 01
-------------------------
DEPARTMENT CODE    ??#01
NAME: DEPT 01
DP GROUP LINK : 01
PRICE         : 10.00
PRICE TYPE    : PRESET
SIGN          : PLUS
TYPE          : STD
HALO          : NO LMT
TAX STATUS    : NO TAX
TAKE-OUT TAX  : NO TAX
-------------------------
```

8-4-4) Dump report of all PLU

Note) Please keep pushing the [FEED] key when you want to stop dump report.

```
----------------------
PLU CODE?#00000000000001
NAME: ABC
DEPT LINK     : 01
PRICE1        : 1.23
PRICE2        : 4.56
PRICE TYPE    : OPEN
TAX STATUS    : NO TAX
TAKE-OUT TAX  : NO TAX
STOCK IN      : 0000
POP LIST LINK : POP1
PLU CODE?#00000000000002
NAME: GHI
DEPT LINK     : 02
PRICE1        : 2.34
PRICE2        : 3.33
PRICE TYPE    : NORMAL
TAX STATUS    : TAX 1
TAKE-OUT TAX  : TAX 2
STOCK IN      : 0000
POP LIST LINK : POP2
----------------------
POP1
          00000000000001
          00000000000002
          00000000000003
----------------------
POP2
          00000000000004
----------------------
```

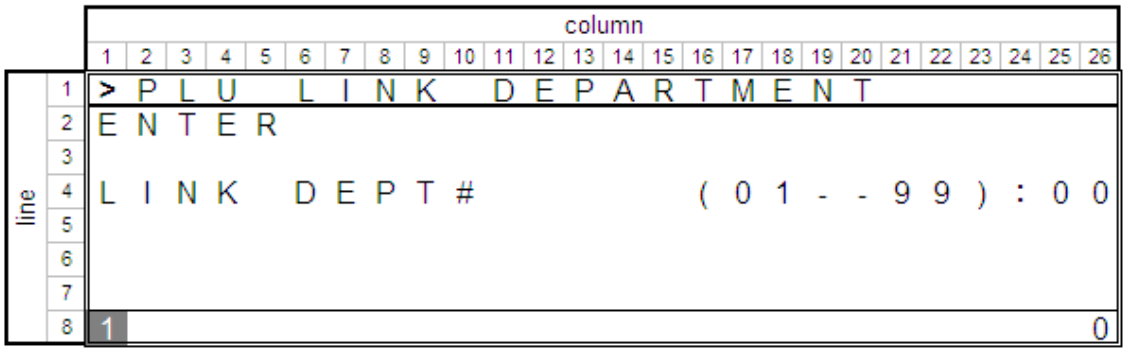
8-4-5) Dump report of range PLU



Note) Please keep pushing the [FEED] key when you want to stop dump report.

```
------------------------
PLU CODE?#00000000000001
NAME: ABC
DEPT LINK      : 01
PRICE1         : 1.11
PRICE2         : 2.22
PRICE TYPE     : OPEN
TAX STATUS     : NO TAX
TAKE-OUT TAX   : NO TAX
STOCK IN       : 0000
POP LIST LINK  : POP1
PLU CODE?#00000000000002
NAME: GHI
DEPT LINK      : 02
PRICE1         : 3.33
PRICE2         : 4.44
PRICE TYPE     : NORMAL
TAX STATUS     : TAX 1
TAKE-OUT TAX   : TAX 2
STOCK IN       : 0000
POP LIST LINK  : POP2
------------------------
POP1
          00000000000001
          00000000000002
          00000000000003
------------------------
POP2
          00000000000004
------------------------
```

8-4-6) Dump report of linking department PLU



Note) Please keep pushing the [FEED] key when you want to stop dump report.

```
------------------------
PLU CODE?#00000000000001
NAME: ABC
DEPT LINK      : 01
PRICE1         : 1.23
PRICE2         : 4.56
PRICE TYPE     : OPEN
TAX STATUS     : NO TAX
TAKE-OUT TAX   : NO TAX
STOCK IN       : 0000
POP LIST LINK  : POP1
PLU CODE?#00000000000002
NAME: GHI
DEPT LINK      : 01
PRICE1         : 2.34
PRICE2         : 3.33
PRICE TYPE     : NORMAL
TAX STATUS     : TAX 1
TAKE-OUT TAX   : TAX 2
STOCK IN       : 0000
POP LIST LINK  : POP2
```

8-4-7) Dump report of other SALES PROG.

```
------------------------
DPT-G01   DPT-G 01
DPT-G02   DPT-G 02
DPT-G03   DPT-G 03
DPT-G04   DPT-G 04
DPT-G05   DPT-G 05
DPT-G06   DPT-G 06
DPT-G07   DPT-G 07
DPT-G08   DPT-G 08
DPT-G09   DPT-G 09
DPT-G10   DPT-G 10

%+/- SETUP
%1 SIGN         :MINUS
%1 RATE         :00.00
%1 RATE LIMIT   :99.99
%2 SIGN         :MINUS
%2 RATE         :00.00
%2 RATE LIMIT   :99.99
+/- SETUP
+/-1 SIGN       :MINUS
+/-1 HALO       :NO LMT
+/-2 SIGN       :MINUS
+/-2 HALO       :NO LMT

FOREIGN CURRENCIES  #01
NAME: FC 1
DEC. POS. RATE :0
DEC. POS. AMNT :2
EXCH. RATE     :000001
           :
           :
           :
FOREIGN CURRENCIES  #04
NAME: FC4
DEC. POS. RATE :0
DEC. POS. AMNT :2
EXCH. RATE     :000001

INSTORE BARCODE     #01
VERSION         :LONG
FLAG CODE       :000
DIGITS IN FLAG :0
DIGITS IN PRICE:0
PRICE CK/DIGIT :NO
FC CONVERSION  :NO FC
NEWSPAPER CODE :NO
```

```
            :
            :
            :
INSTORE BARCODE      #10
VERSION         :LONG
FLAG CODE       :000
DIGITS IN FLAG :0
DIGITS IN PRICE:0
PRICE CK/DIGIT :NO
FC CONVERSION  :NO FC
NEWSPAPER CODE: NO

************************
*     YOUR RECEIPT     *
*      THANK YOU       *
*                      *
************************
 ~~~~~~~~~~~~~~~~~~~~~~~~
/    HAVE A NICE DAY   /
/   PLEASE COME AGAIN  /
/                      /
~~~~~~~~~~~~~~~~~~~~~~~~

SCROLLING MESSAGE
SCROLLING SPEED:MEDIUM


PLEASE WAIT

PLEASE TAKE YOUR RECEIPT

GOOD MORNING, WELCOME

GOOD AFTERNOON, WELCOME

BUSINESS MEETING
RECEIPT
MEETING MEMBER:
MEETING AGENDA:
In Restaurant:
DATE:
SIGNATURE:

        MENU
        MEAL
         AND
      BREWERY
  Service and VAT include
------------------------
```

Note) Please keep pushing the [FEED] key when you want to stop dump report.

8-4-8) Dump report of PRINT MODE.

```
------------------------
RECEIPT PRINTING MODE
TAX RATE         :YES
TOTAL TAX AMT    :NO
TAX AMT/RATE     :NO
TOTAL TAXABLE    :NO
AMT/TAXABLE/RAT  :NO
TX AMT W/O TAX   :NO
T TXBL W/O TAX   :NO
TAX SYMBOL       :NO
TX DETAIL POS    :AFTER
LINE SPACE       :1.00mm
PRINT FONT       :NORMAL
GRAPHIC HEADER   :NO
FOOTER           :YES
HEADER           :YES
DATE             :YES
TIME             :YES
CLERK NAME       :YES
ECR NUMBER       :YES
RECEIPT NUMBER   :YES
PLU NUMBER       :NO
SUBTOTAL         :YES
MULTIPLE RCPT    :YES

INVOICE PRINTING MODE
PRINT FONT       :NORMAL
GRAPHIC HEADER   :NO
FOOTER           :YES
HEADER           :YES
ABR AUTOMATIC    :NO
MULTIPLE INVOIC  :NO

REPORT PRINTING MODE
X/Z FONT         :COMP
EJ FONT          :COMP
PRG FONT         :COMP
Z1/Z2 COUNTER    :YES
GT               :YES
REFUND           :YES
VOID             :YES
% IN DEPT&PLU    :NO
DUPLICATE Z      :YES
ZERO SKIP RPT    :YES
HEADER ON X/Z    :YES
PLU NUMBER       :YES
------------------------
```

Note) Please keep pushing the [FEED] key when you want to stop dump report.

8-4-9) Dump report of clerk

```
------------------------
INDIVIDUAL CLERK     #01
NAME: CLERK 01
CLERK PWD       :***
CLERK MODE      :NORMAL
VOID ENABLE     :YES
REFUND ENABLE   :YES
(%-) ENABLE     :YES
(-) ENABLE      :YES
PO ENABLE       :YES
NEG DEPT ENABLE:YES
EXTRA INV. ENAB:YES
INDIVIDUAL CLERK     #02
NAME: CLERK 02
CLERK PWD       :***
CLERK MODE      :NORMAL
VOID ENABLE     :YES
REFUND ENABLE   :YES
(%-) ENABLE     :YES
(-) ENABLE      :YES
PO ENABLE       :YES
NEG DEPT ENABLE:YES
EXTRA INV. ENAB:YES
          :
          :
          :
INDIVIDUAL CLERK     #15
NAME:CLERK  15
CLERK PWD       :***
CLERK MODE      :NORMAL
VOID ENABLE     :YES
REFUND ENABLE   :YES
(%-) ENABLE     :YES
(-) ENABLE      :YES
PO ENABLE       :YES
NEG DEPT ENABLE:YES
EXTRA INV. ENAB:YES
------------------------
```

Note) Plea keep pushing the [FEED] key when you want to stop dump report.

8-4-10) Dump report of ADVANCED

```
----------------------
>FREE KEY LAYOUT    POS
 DEPT SHIFT&CODE     25
 DEPT KEY1           14
 DEPT KEY2           13
 DEPT KEY3           12
 DEPT KEY4           11
 DEPT KEY5           19
 DEPT KEY6           18
 DEPT KEY7           17
 DEPT KEY8           16
 DEPT KEY9           24
 DEPT KEY10          23
 DEPT KEY11          22
 DEPT KEY12          21
 DEPT KEY13          29
 DEPT KEY14          28
 DEPT KEY15          27
 DEPT KEY16          26
          :
          :
          :
 #/NS&[ NEXT ]IN PRG 10
 CLERK&[ ESC ]       07
 RECEIPT ON/OFF      08
 SUBTOTAL/INVOICE    31
 CHECK               00
 CHARGE              00
 CREDIT1             33
 CREDIT2             00
 CREDIT3             00
 CREDIT4             00
 CREDIT5             00
 CREDIT6             00
 FC                  00
 %1                  00
 %2                  00
 -/+1                00
 -/+2                00
 RA                  00
 PO                  00
 EC                  05
 VOID                00
 FULL VOID           00
 REFUND              04
 PLU CODE            06
 PLU ALT             03
 ADD PLU             00
```

PLU INQUIRY	00
HOLD RECALL	09
PAY TRANSFER	30
TAKE-OUT	00
ABR	00
CHAIN FUNCTION1	00
CHAIN FUNCTION2	00
CHAIN FUNCTION3	00
CHAIN FUNCTION4	00
CHAIN FUNCTION5	00
POP LIST FUNCTION1	01
POP LIST FUNCTION2	02
POP LIST FUNCTION3	32
POP LIST FUNCTION4	20
POP LIST FUNCTION5	15
TABLE#/NEW BALANCE	00
GUEST#	00
TABLE REVIEW	00
TABLE ADD	00
TABLE SEPARATE	00
TABLE CHANGE	00
PROFORMA	00
TRAY/TOTAL TRAY	00
EXTRA INVOICE	00
DIVIDE PAYMENT	00
PRICE 1	00
PRICE 2	00
PLU PAGE 1	00
PLU PAGE 2	00
PLU PAGE 3	00
PLU POP LIST 1	00
PLU POP LIST 2	00
PLU POP LIST 3	00
PLU POP LIST 4	00
PLU POP LIST 5	00
PLU KEY 01	00
PLU KEY 02	00
PLU KEY 03	00
PLU KEY 04	00
PLU KEY 05	00
PLU KEY 06	00
PLU KEY 07	00
PLU KEY 08	00
PLU KEY 09	00
PLU KEY 10	00
PLU KEY 11	00
PLU KEY 12	00
PLU KEY 13	00
PLU KEY 14	00
PLU KEY 15	00
PLU KEY 16	00
PLU KEY 17	00
PLU KEY 18	00

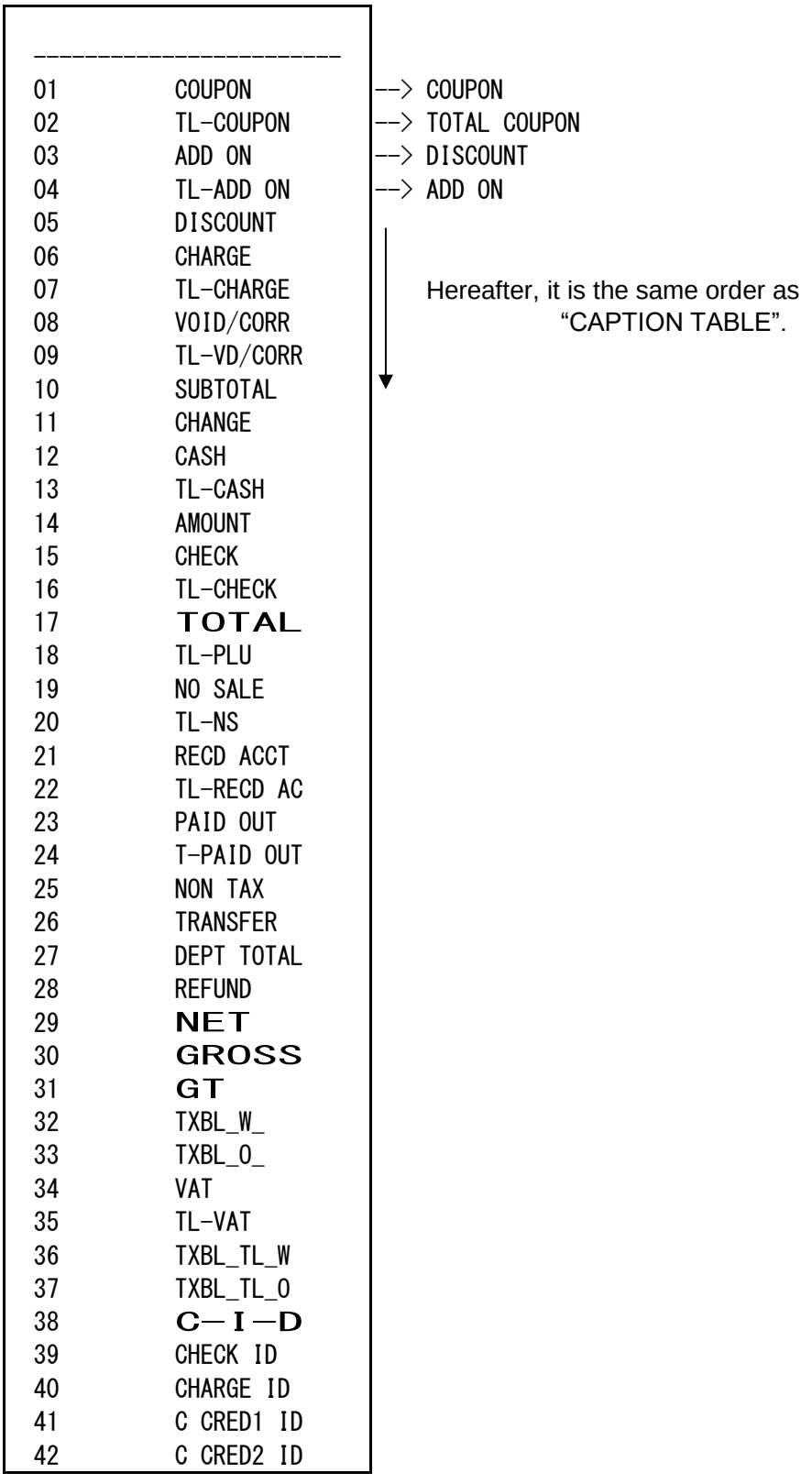
```
 PLU KEY 19          00
 PLU KEY 20          00
 PLU KEY 21          00
 PLU KEY 22          00
 PLU KEY 23          00
 PLU KEY 24          00
 PLU KEY 25          00
 PLU KEY 26          00
 PLU KEY 27          00
 PLU KEY 28          00
 PLU KEY 29          00
 PLU KEY 30          00
 PLU KEY 31          00
 PLU KEY 32          00
 PLU KEY 33          00
 PLU KEY 34          00
 PLU KEY 35          00
 PLU KEY 36          00
 PLU KEY 37          00
 PLU KEY 38          00
 PLU KEY 39          00
 PLU KEY 40          00
 PLU KEY 41          00
 PLU KEY 42          00
 PLU KEY 43          00
 PLU KEY 44          00
 PLU KEY 45          00
 PLU KEY 46          00
 PLU KEY 47          00
 PLU KEY 48          00
 PLU KEY 49          00
 PLU KEY 50          00

>>>POPUP LIST      #01
%1                :YES
%2                :YES
-/+1              :YES
-/+2              :YES
>>>POPUP LIST      #02
VOID              :YES
FULL VOID         :YES
>>>POPUP LIST      #03
CHECK             :YES
CHARGE            :YES
CREDIT2           :YES
CREDIT3           :YES
CREDIT4           :YES
CREDIT5           :YES
>>>POPUP LIST      #04
RA                :YES
PO                :YES
>>>POPUP LIST      #05
FC                :YES
```

```
TAKE-OUT          :YES


 >CHAIN FUNCTION    #1
 01 0
 02 00
 03 0
 04 RA
 05 TOTAL
 >CHAIN FUNCTION    #2
 >CHAIN FUNCTION    #3
 >CHAIN FUNCTION    #4
 >CHAIN FUNCTION    #5

 >>>CHAIN REPORT   #01
 >>>CHAIN REPORT   #02
 >>>CHAIN REPORT   #03
 >>>CHAIN REPORT   #04
 >>>CHAIN REPORT   #05

 >MANAGER PASSWORD
 PRG&Z MODES     :0000
 X MODE          :0000
 MANAGER MODE    :0000
 TRAINING MODE   :0000
------------------------
```

8-4-11) Dump report of free text (10 characters)

Note) Please keep pushing the [FEED] key when you want to stop dump report.

Default : English Caption

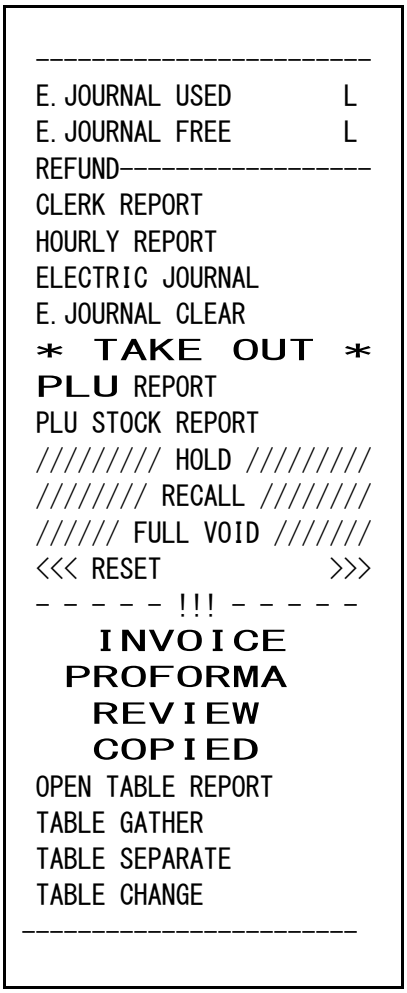


43	C CRED3 ID
44	C CRED4 ID
45	C CRED5 ID
46	C CRED6 ID
47	CREDIT1
48	CREDIT2
49	CREDIT3
50	CREDIT4
51	CREDIT5
52	CREDIT6
53	ADJUST
54	MC NO.
55	PLU
56	DEPT
57	DPT-G
58	CLERK
59	FC
60	CANCEL
61	PRICE-
62	PLU PAGE-
63	NEW-BAL
64	OLD-BAL
65	CLOSE-BAL
66	TABLE#
67	GUEST#
68	OPEN TABLE
69	INVOICE
70	DUE
71	TRAY TOTAL
72	TAKE OUT
73	GUEST NR.?
74	TABLE NR.?
75	:PAY L
76	DRW OPEN
77	GT GROSS
78	GT RETURN

8-4-12) Dump report of free text (24 characters)

Note) Please keep pushing the [FEED] key when you want to stop dump report.

Default : English Caption



8-4-13) Dump report of OTHER CONFIG SET

```
------------------------
INITIAL SETUP
DATE FORMAT    :DOMMYY
DATE SETUP     :000000
TYME SYSTEM    :24H
TIME SETUP     :0001
ECR NUMBER     :00001
KEY TONE       :YES
RECEIPT MODE   :RECEIPT
WINDING MOTOR  :PG/X/Z
EURO ROUNDING  :NO
POWER SAVING   :NO

OPERATION MODE
VAT CALC MODE  :VAT
TAX1 RATE      :10.000
TAX2 RATE      :20.000
TAX3 RATE      :30.000
TAX4 RATE      :40.000
FC CONV TYPE   :MULTI
%&+/- DEP CALC :NET
0 PRICE REG    :YES
POST TENDER    :YES
NEW BALANCE PRI:YES
TABLE# MANDATOR:NO
GUEST# MANDATOR:NO
PLU PAGE SHIFT :EACH
 P1     :00000000000001
 P2     :00000000000201
 P3     :00000000000301
PRICE 1/2 SHIFT:EACH
DECIMAL        :2
ROUNDING       :OFF

CLERK SYSTEM
CLERK SYSTEM   :NO
PWD MANDATORY  :NO
EXCL. CLERK TAB:YES
CLERK ENTRY    :STAY
CLERK DISPLAY  :YES

ELECTRONIC JOURNAL
EJ SYSTEM      :DYNAMIC
EJ STORAGE     :SALES
NEW BALANCE ON :NO
PROFORMA ON EJ :NO
INVOICE ON EJ  :NO
BEEP AT BEGININ:YES
```

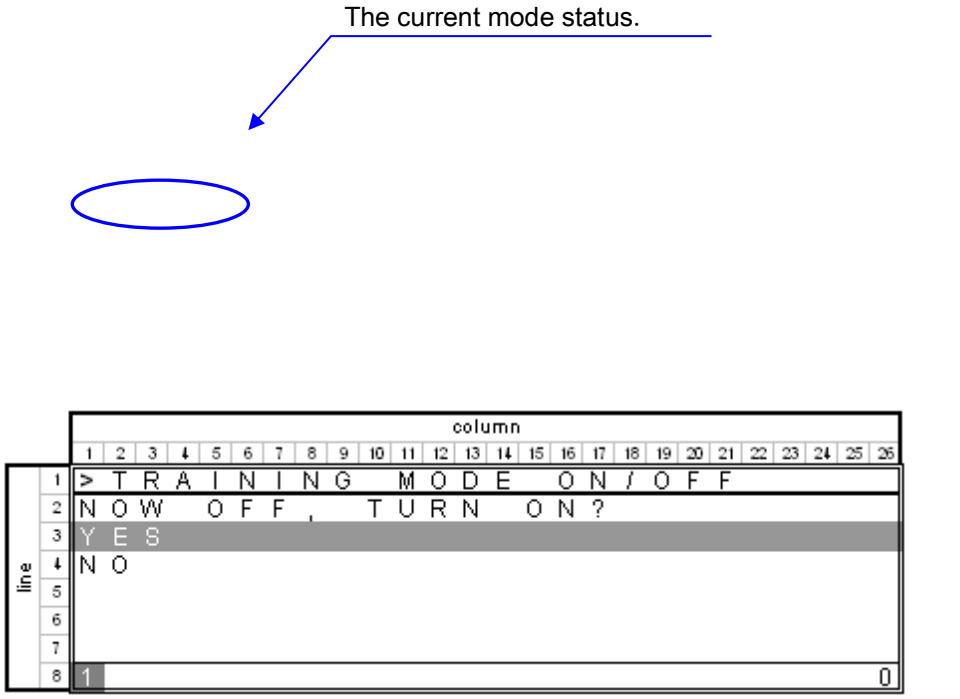
```
BEEP AT END    :YES

>CASH
NAME: CASH
HALO           :NO LMT
TNDR MANDATORY :NO
CHANGE ALLOWED :YES
DRAWER OPEN    :YES
>CHECK
NAME: CHECK
HALO           :NO LMT
THDR MANDATORY :NO
CHANGE ALLOWED :YES
DRAWER OPEN    :YES
>CHARGE
NAME: CHARGE
HALO           :NO LMT
TNDR MANDATORY :NO
CHANGE ALLOWED :YES
DRAWER OPEN    :YES
>CREDIT1
NAME: CREDIT1
HALO           :NO LMT
TNDR MANDATORY :NO
CHANGE ALLOWED :YES
DRAWER OPEN    :YES
>CREDIT2
NAME: CREDIT2
HALO           :NO LMT
TNDR MANDATORY :NO
CHANGE ALLOWED :YES
DRAWER OPEN    :YES
               :
               :
               :
>CREDIT6
NAME: CREDIT6
HALO           :NO LMT
TNDR MANDATORY :NO
CHANGE ALLOWED :YES
DRAWER OPEN    :YES
>PO/RA
PO HALO        :NO LMT
PO HEADER PRNT :YES
RA HALO        :NO LMT
RA HEADER PRNT :YES
>#/NS
DRAWER OPEN    :YES
MODE ALLOWED   :REG/MGR
RECEIPT PRINT  :YES
HEADER PRINT   :YES
SAVE IN EJ     :YES
UPDATE RECPT#  :YES
```

```
 COUNTER SETTINGS
 RECEIPT NUMBER:0000001
 INVOICE NUMBER:0000001
 Z1 COUNTER    :0001
 Z2 COUNTER    :0001
 GT VALU:       0.00
 RECEIPT# RESET:NO
 INVOICE# RESET:NO
 Z1&2 CT RESET :NO
 GT RESET      :NO
--------------------------
```

8-5) TRAINING MODE ON/OFF setting

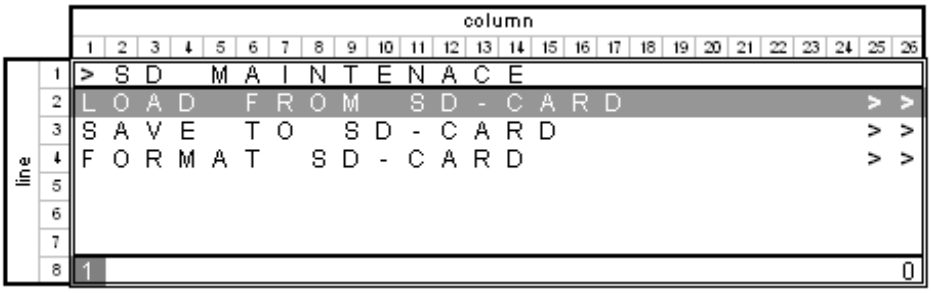
Training mode will be able to be selected in “TRAINING MODE ON/OFF” menu.

Selecting the menu, the following the screen will be displayed. Then select a wished flag, ER can do a selected mode.



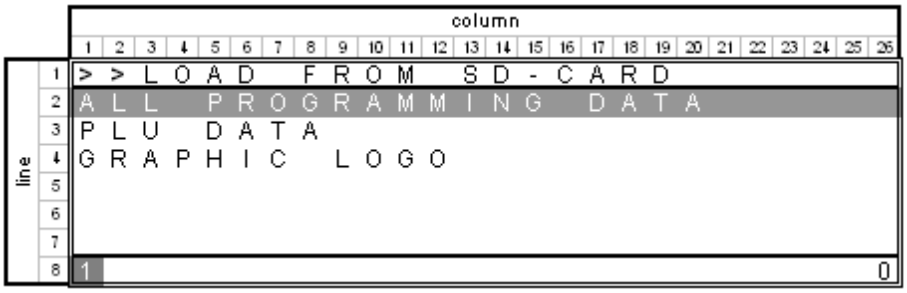
8-6) SD memory card MAINTENANCE

Selecting SD MAINTENCE menu from PROGRAMMING menu will execute SD memory card functions listing the screen.

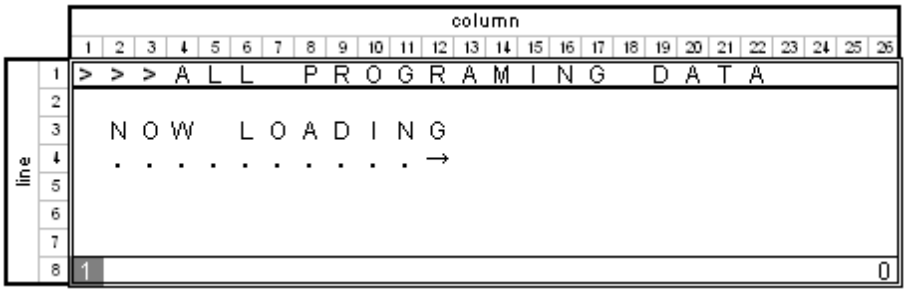

column
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26
line
1 2 3 4 5 6 7 8
> S D M A I N T E N A C E
L O A D F R O M S D - C A R D > >
S A V E T O S D - C A R D > >
F O R M A T S D - C A R D > >
1
0

8-6-1) LOADING FROM SD-CARD

Using “SAVING TO SD-CARD”, ECR can save the listed data to SD memory card.
Or PC can create the programming data (depending on PC software) and save these data to SD memory card. For these saved data, ECR can load a listed data on the menu.

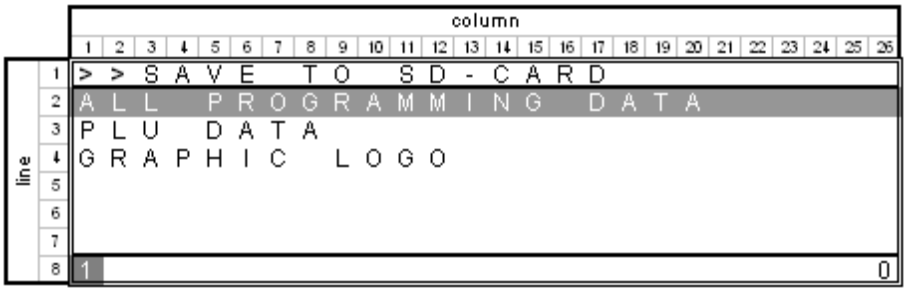


Selecting the loaded data on the list, quickly load the data from SD memory card.
During loading, [ESC] key will be available to quit this execution.
But a completed loaded data shall be over written on the ECR memory



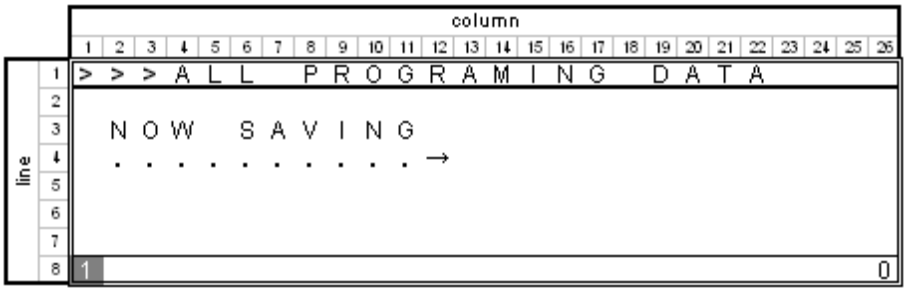
8-6-2) SAVING TO SD-CARD

The selected data from the list will be saved to SD memory card.



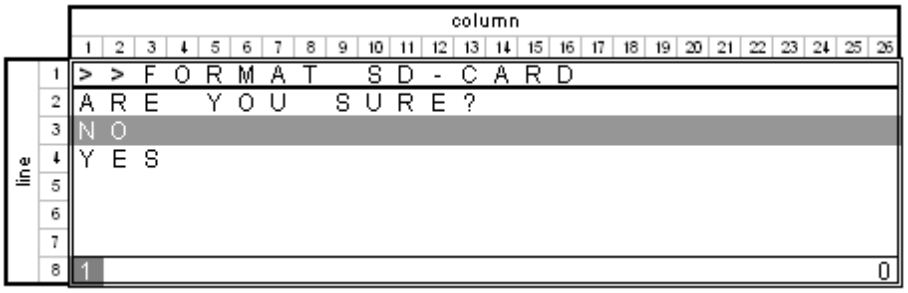
Selecting the saved data on the list, quickly save the data to SD memory card.

During saving, [ESC] key will be available to quit this execution.



8-6-3) SD CARD FORMAT

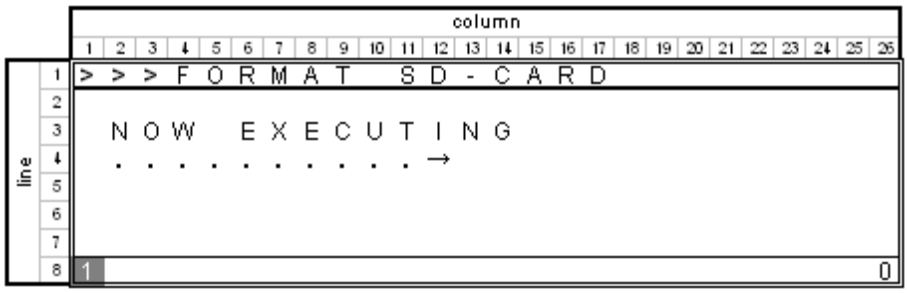
Using this menu, ECR can execute formatting SD memory card. Especially when to use the initial SD memory card, this formatting operation by ECR should be recommended.



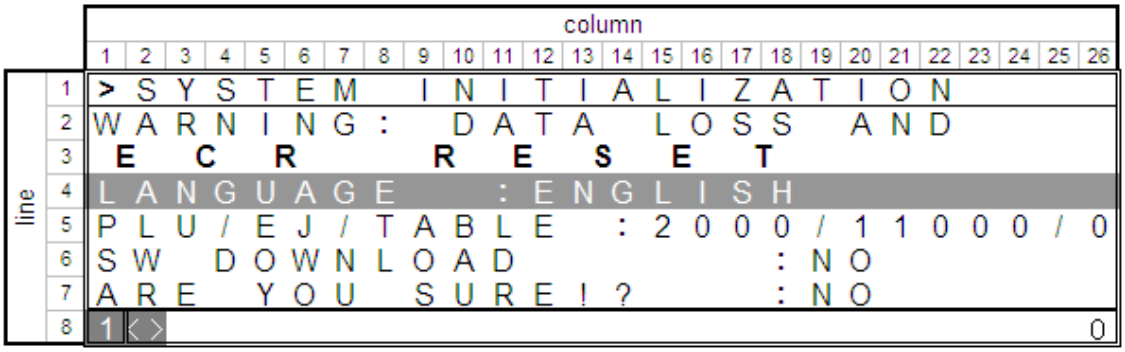
Selecting YES on the menu will execute formatting immediately.

During formatting, [ESC] key will be available to quit formatting job.

But the SD memory card can not be used properly. After that the user must do format it again.



8-7) SYSTEM INITILIZATION



Please see “5) INITIALIZATION at the system start” section for LANGUAGE and MEMORY PLU/EJ/TABLE menu.

Selecting “SW DOWNLOAD”, ECR will wait for downloading the new ECR software from the PC.
In order to execute this function, the special PC utility shall be required.
Please notice all of selection will not be activated until selecting “ARE YOU SURE!?” menu with “YES” and depressing [ENTER]. Even if selecting SW DOWNLOAD, until operating “ARE YOU SURE!?” ECR has never executed at all.

NOTE:

1. Execution of initialization will reset ECR.
   It means all of programmed data will rest and restore to the default values.

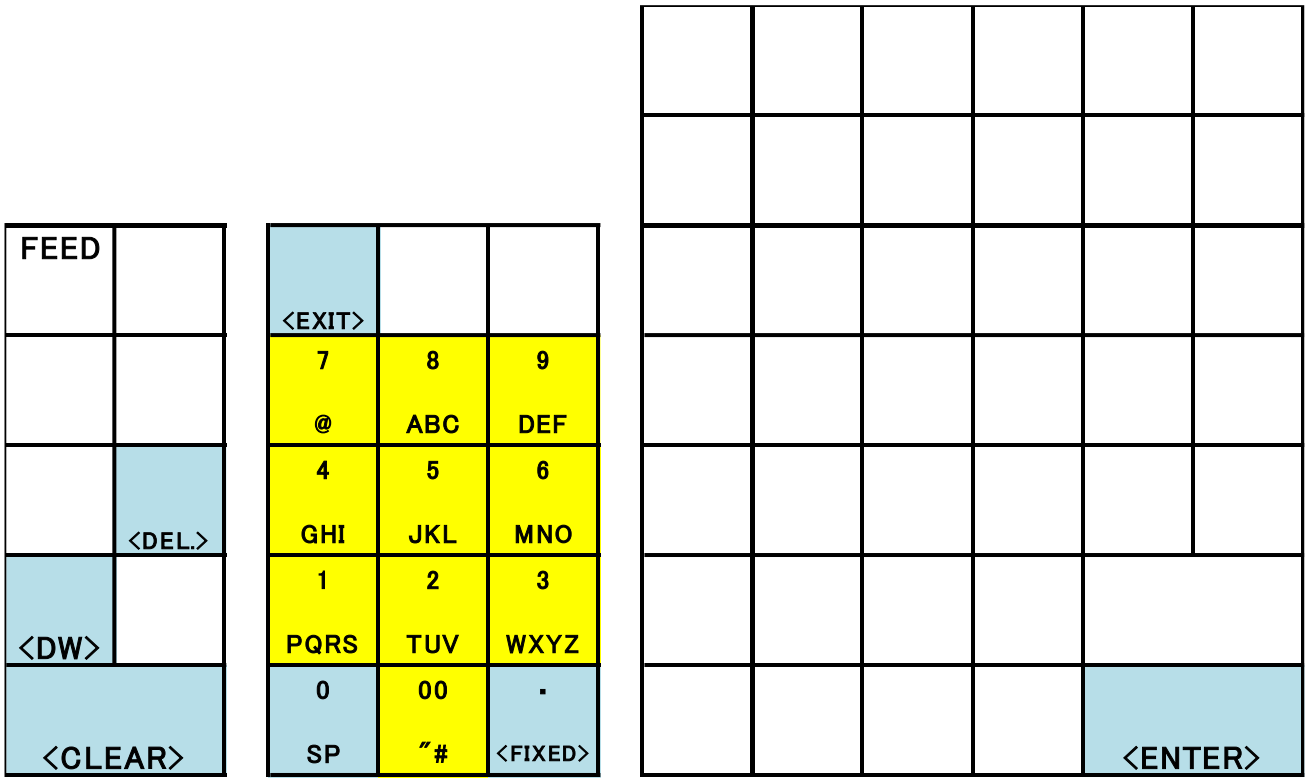
2. If selecting SW DOWNLOAD, LANGUAGE and MEMORY PLU/EJ/TABLE will be neglected.

8-8) INPUTTING OF CHARACTER CODE

Character Key

The below yellow colored keys are working as character key like following character in mode of caption Programming. Each function key has several character code.
Those are selectted by depressing the same key automatically updated.
When the code reach to the end of assigned code, The slectted code goes to first character code again.
It's means to cyclic choice.

Rev.B



Control Key for character inputting

[DW] ------ Double width character selectted. Double width need to inputting forward to the character.

[SP] ------ Space code entry using. And, Fixing the selective character during repeating input same key.

[DEL] ------ Deleting character code entry like back-space of PC.

[FIXED] ----- Fix the currently selected character. Rev.B

[ENTER] ----- Programmed to the caption by entered character.

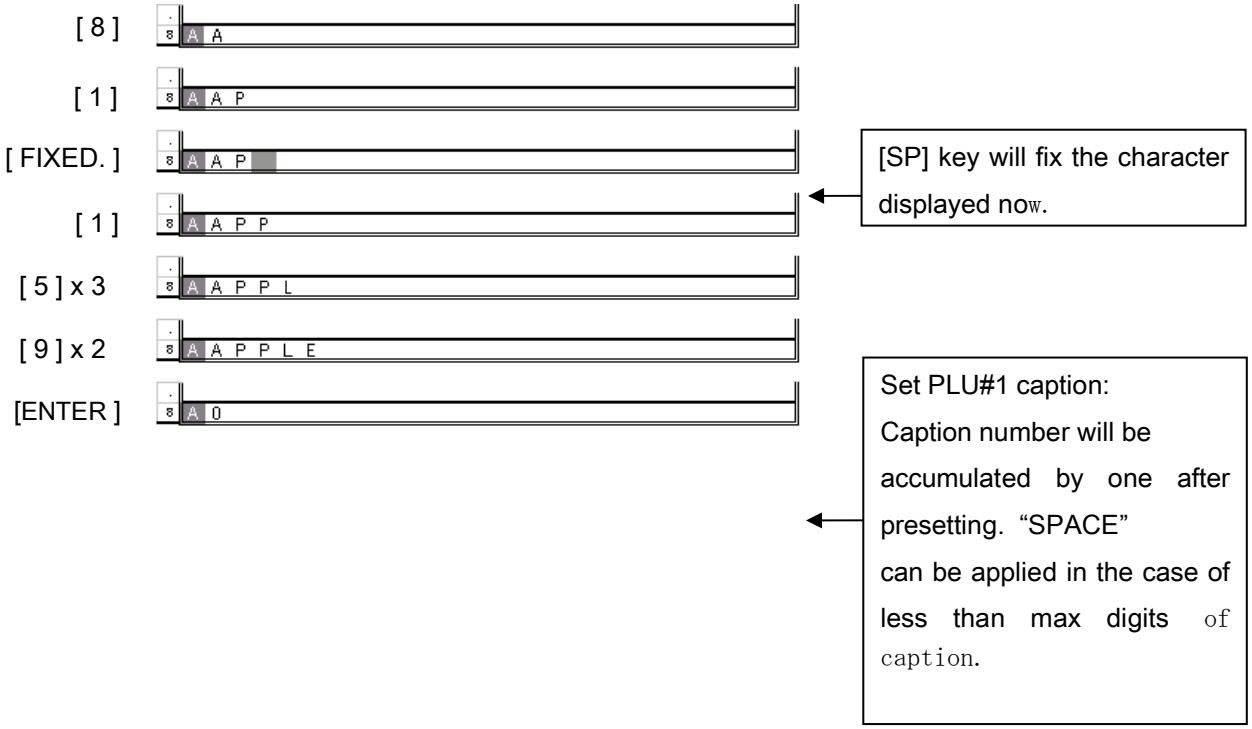
[EXIT] ----- Exit by caption programming.

	1	2	3	4	5	6	7	8	9	10
[00]	0	!	"	#	$	%	&	'	(	)
	*	+	,	-	.	/	:	;	<	=
	>	?								
[1]	P	Q	R	S	p	q	r	s	1	Ṡ
	Ś	Ş	p	ş	ś					
[2]	T	U	V	t	u	v	2	Ú	Ű	Ů
	Ù	Û	Ü	ů	ü	ű	û	ù	ú	
[3]	W	X	Y	Z	w	x	y	z	3	Ý
	Ź	Ƶ	ź	ƶ						
[4]	G	H	I	g	h	i	4	Ğ	Ġ	Í
	İ	Î	Ï	ğ	í	ì				
[5]	J	K	L	j	k	l	5	Ł	ł	
[6]	M	N	O	m	n	o	6	Ń	Ñ	Ó
	Ő	Ō	Ȯ	Ô	Ö	ñ	ń	ó	ő	ō
	ȯ	ô	ö	ò						
[7]	7	@	[	\	]	^	_	{	¦	}
	~	¡	§	→	←	∑	Ø	Æ	Œ	¨
	¿	I	II	III	⌈	⌋	↑	·		
[8]	A	B	C	a	b	c	8	Á	Ȧ	Ą
	Å	À	Â	Ä	ß	Ċ	Ć	Ç	á	ą
	à	â	ä	ċ	ć					
[9]	D	E	F	d	e	f	9	Đ	Ė	Ę
	É	È	Ê	Ë	ė	ę	è	é	ê	ë

Example : PLU# 1 APPLE

on the Bottom line

Rev.B



Max. number of character digits per classification.

PLU : 16 digits
Department : 12 digits
Department Group : 12 digits
Clerk : 24 digits
Receipt Header : 24 digits
Receipt Footer : 24 digits
FC 10 digits
PAYMENT MEDIA : 12 digits
Free text(10 characters) : 10 digits
Free text(24 characters) : 24 digits

Note 1) After pressing the [ENTER] key, a set # updates it automatically.
Note 2) Please push the [ESC] key when you want to exit this programming.
Note 3) Please push the [CLEAR] key when you want to clear input data.

9) OPERATING NOTES

This section gives information regarding the operation.

ALL OPERATIONS ARE PERFORMED WITH REGISTRATION or MANAGER MODE

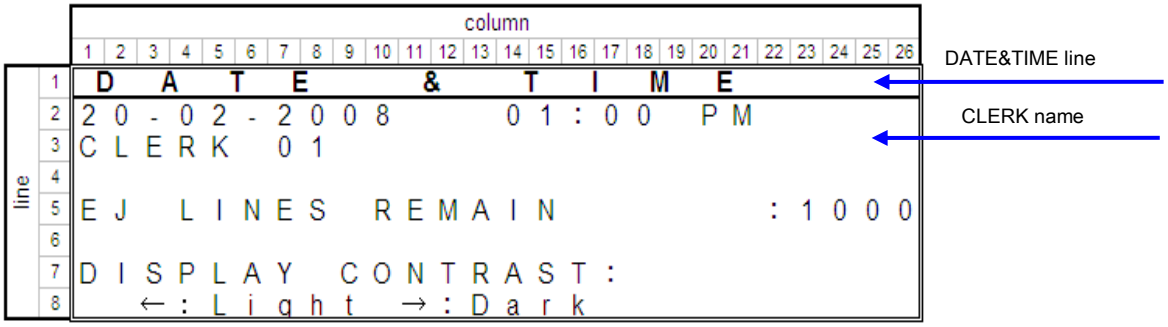
The term‘department entry’is used in many of the operating sequences.
This refers to a normal department entry - remenber that an amount must be entered via the numeric keypad before depression of a department key.
But in the case of pressing a PRESET PRICE department, direct entry of the department will be operated.

An error prompt will appear on the display with its pop-up messge, accompanied by an error tone which is cleared by depressing the CLEAR key or [ENTER] key. An error prompt may indicate an incorrect key sequence has been made, or a compulsory function has not been performed.

9-1) DATE/TIME/EJ INFORMATION DISPLAY and LCD CONTRAST control

Hitting [X/DATE/TIME] displays the following screen.

The user can read the date & time, the logged clerk name and EJ information.



DATE & TIME: Depending on the programmed date format and time system.

If 24 hours system has been selected, 24 converted time will be displayed without any symbol like AM/PM.

EJ information: Display the reset of memory lines in the case of the standard EJ setting.

Dynamic EJ or SD-EJ does not mention this information. All of space will be fulfilled.

During this mode, [←] and [→] affect the contrast control for LCD display.

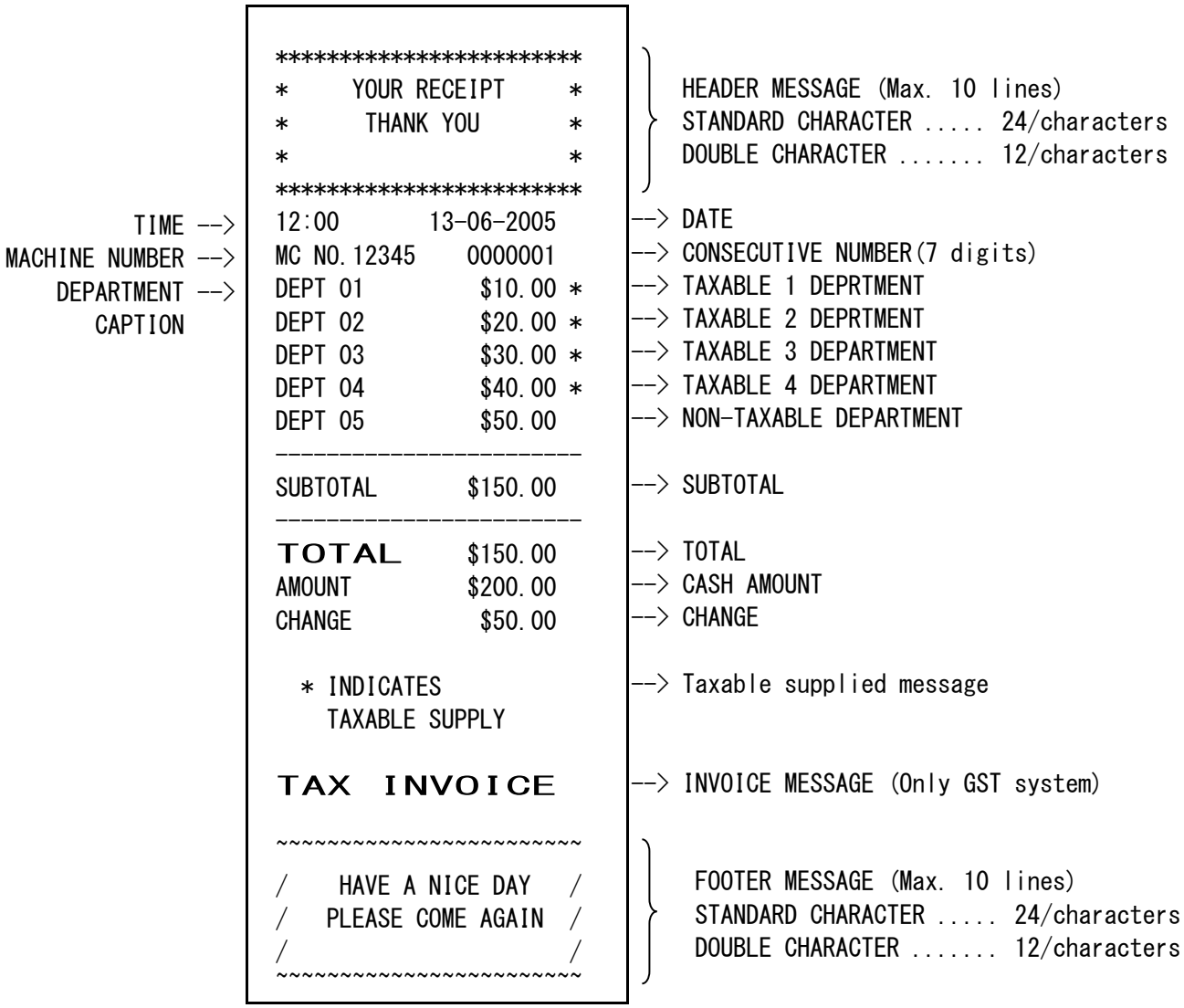
Hitting [←] key makes lighter and [→] key makes darker.

The contrast will be dynamically changed.

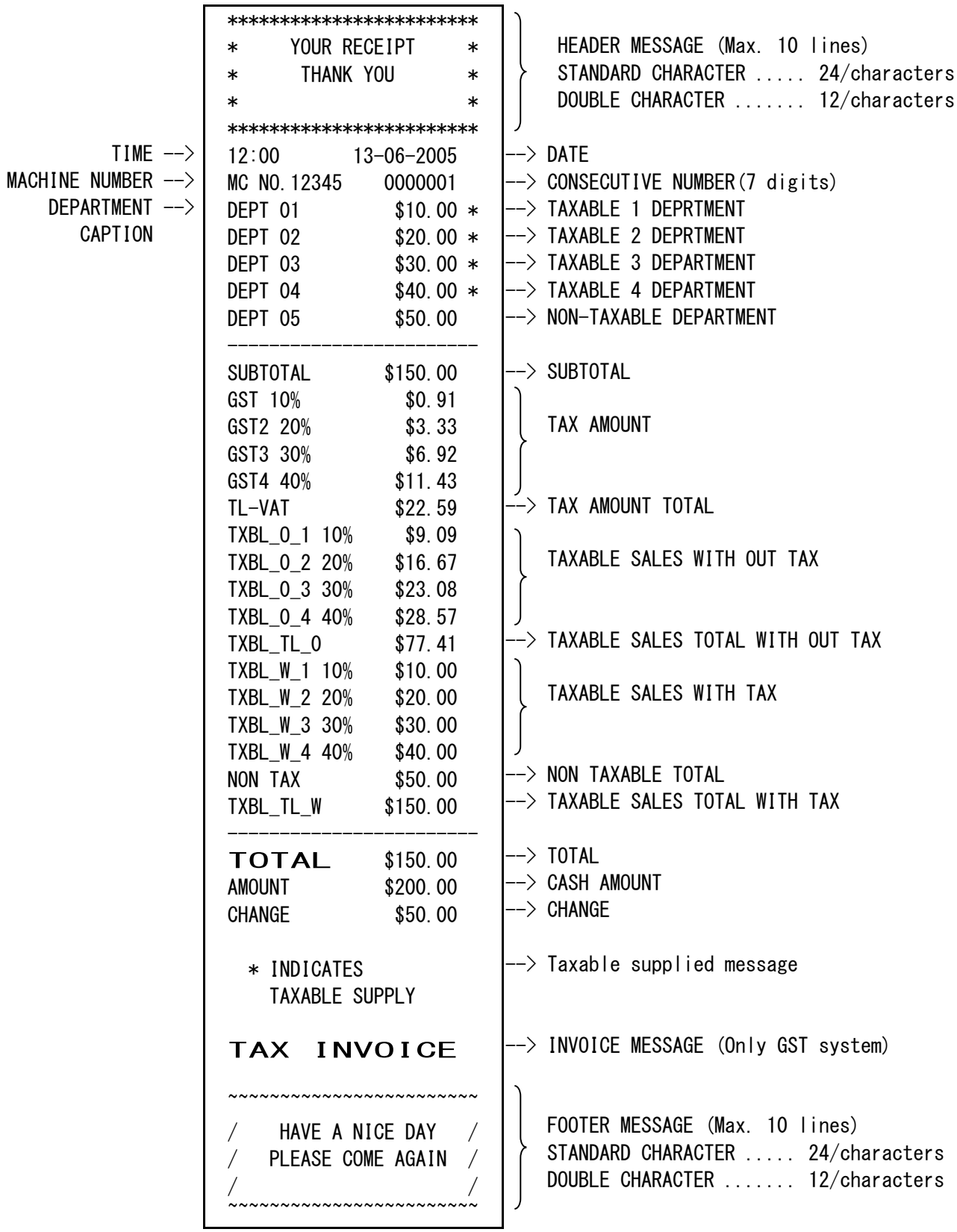
The user can stop at the suitable view which she/he wants.

9-2) SAMPLE RECEIPT

Example 1) Sample receipt Rev.B



Example 2) Receipt with vat printing Rev.B



* The printing examples from the following pages are for reference only and may differ from the actual ones.

9-3) DEPARTMENT ENTRIES

Department entries can be made with a maximum 8 digits amount entry.

9-3-1) Direct access department

Single Department Entry

enter amount ( )-[DEPARTMENT]

Repeat Department Entry

enter amount ( )-[DEPARTMENT]

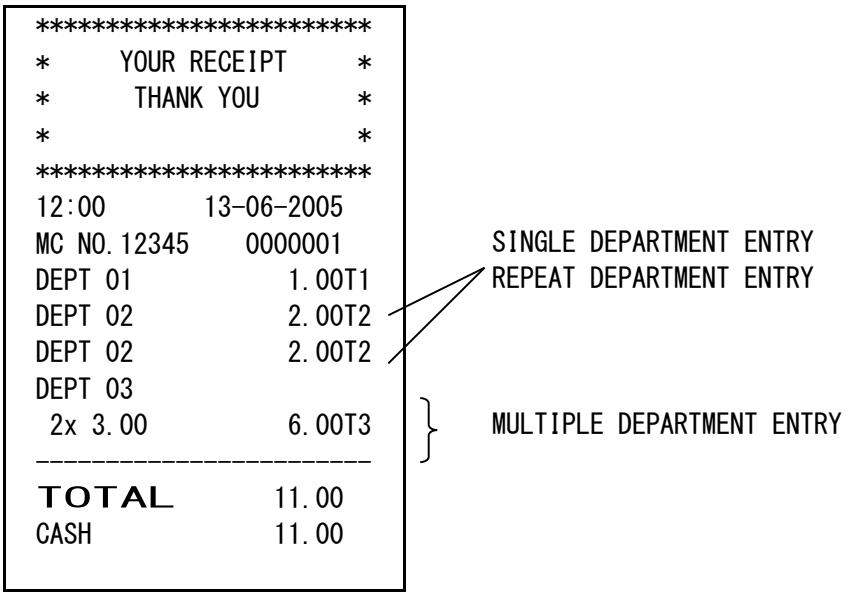
[DEPARTMENT]

Multiple Department Entry

enter quantity ( )-[X/DATE/TIME]
(0.001 - 999.999)

enter amount ( )-[DEPARTMENT]

{ TENDER }



9-3-2) Department with shift key

Single Department Entry

Enter amount ( )-[DEPT SHIFT & CODE]-[DEPARTMENT]

Repeat Department Entry

enter amount ( )-[DEPT SHIFT & CODE]-[DEPARTMENT]

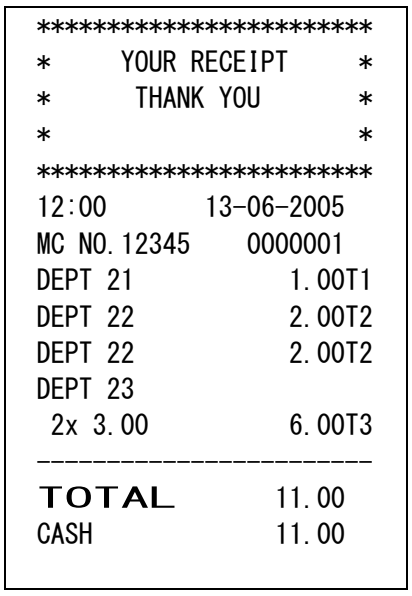
[DEPARTMENT]

Multiple Department Entry

enter quantity ( )-[X/DATE/TIME]
(0.001 - 999.999)

enter amount ( )-[DEPT SHIFT & CODE]-[DEPARTMENT]

{ TENDER }



9-4) NUMBERED DEPARTMENT ENTRIES

Single Department Entry

Preset price entry

[DEPT SHIFT & CODE] - (DEPT #) - [DEPT SHIFT & CODE]

Open price entry

(amount) - [DEPT SHIFT & CODE] - (DEPT #) - [DEPT SHIFT & CODE]

Multiple Department Entry

Preset price entry

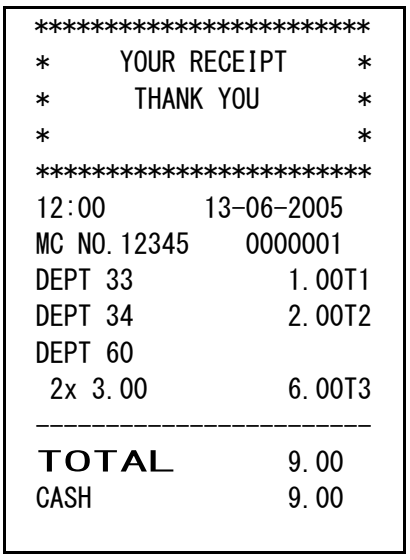
enter quantity ( ) - [X/DATE/TIME]
(0.001 - 999.999)

- [DEPT SHIFT & CODE] - (DEPT #) - [DEPT SHIFT & CODE]

Open price entry

enter quantity ( ) - [X/DATE/TIME]
(0.001 - 999.999)

- (amount) - [DEPT SHIFT & CODE] - (DEPT #) - [DEPT SHIFT & CODE]



9-5) PLU ENTRIES

Price level selection

Shift mode : Return to price1 after each entry.

End of transaction mode : Return to price1 after each transaction.

Stay down mode : Return to price1 after only pressing [PRICE1] key.

PLU page selection

Have the same mode as price level selection.
Price level and PLU page selection mode is the system option.

9-5-1) Code entry PLU

Single entry, Preset price
enter PLU free code ( )-[PLU CODE]

Single entry, Open price
enter amount ( )-[PLU ALT]
Maximum 8 digits
enter PLU free code ( )-[PLU CODE]

Multiple entry, Preset price
enter quantity ( )-[X/DATE/TIME]
(0.001 - 999.999)
enter PLU free code ( )-[PLU CODE]

Multiple entry, Open price
enter quantity ( )-[X/DATE/TIME]
(0.001 - 999.999)
enter amount ( )-[PLU ALT]
Maximum 8 digits
enter PLU free code ( )-[PLU CODE]

9-5-2) Barcode scanning

Single entry, Preset price

Barcode scan

Single entry, Open price

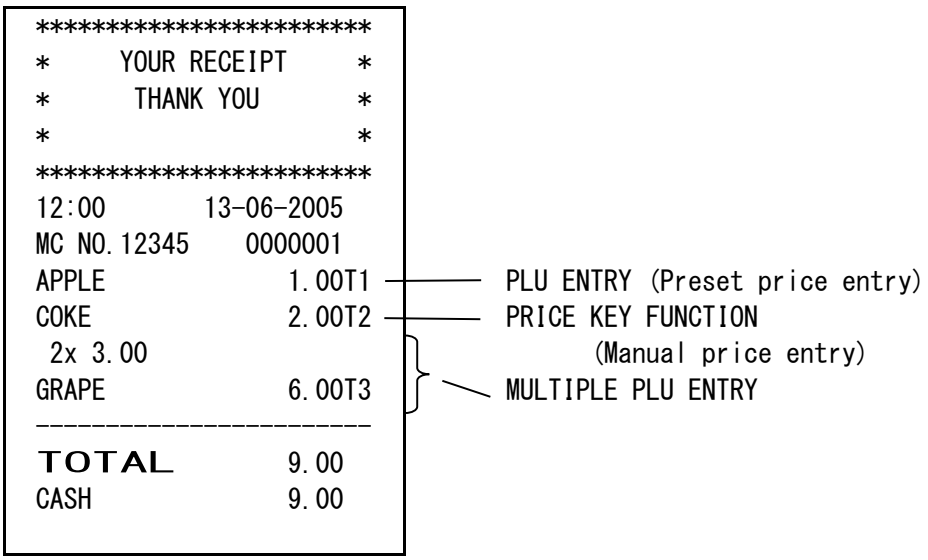
enter amount ( ) -[PLU ALT] Barcode scan
Maximum 8 digits

Multiple entry, Preset price

enter quantity ( )-[X/DATE/TIME] Barcode scan
(0.001 - 999.999)

Multiple entry, Open price

enter quantity ( )-[X/DATE/TIME]
(0.001 - 999.999)
enter amount ( )-[PLU ALT] Barcode scan
Maximum 8 digits



Note) 1. The input of PLU# is also possible besides the input of PLU free code.
2. Repeat registration will be available by [PLU] key.

9-6) +/- KEY OPERATIONS

+/- key entries can be made with a maximum 8 digits amount entry.
(-) or (+) is selectable by the programming mode.

Sale +/-

[DEPARTMENT or PLU ENTRY]

[SUBTL]

(- or + amount) [-/+]

{ TENDER }

```
************************
*     YOUR RECEIPT     *
*      THANK YOU       *
*                      *
************************
12:00        13-06-2005
MC NO.12345    0000001
DEPT 01           10.00T1
DEPT 02           20.00T2
------------------------
SUBTOTAL          30.00
COUPON            -3.00     --> (-) AMOUNT
------------------------
TOTAL             27.00
CASH              27.00
```

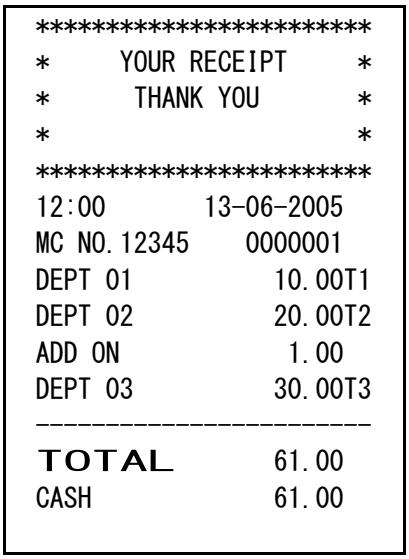
Item +/-

[DEPARTMENT or PLU ENTRY]

(- or + amount) [-/+]

[DEPARTMENT or PLU ENTRY]

{ TENDER }



--> (+) AMOUNT

9-7) -% KEY OPERATIONS

Sale Discount

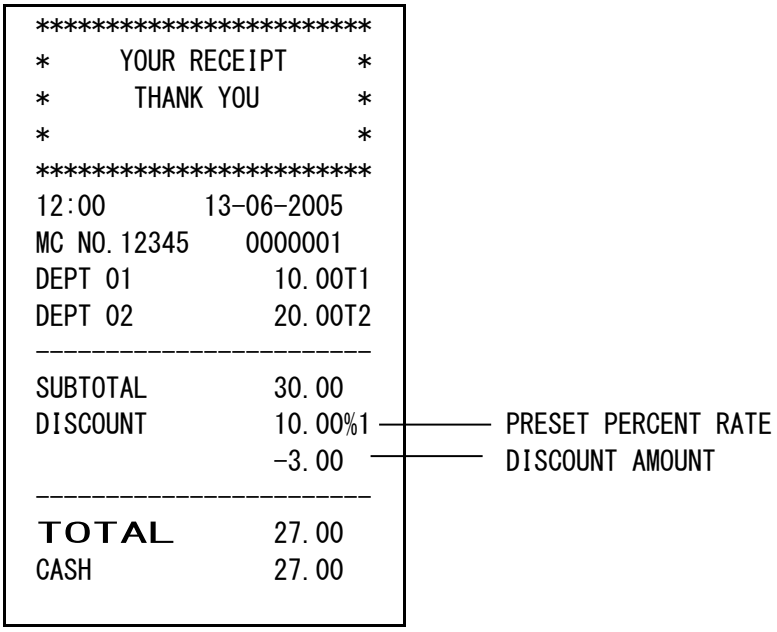
[DEPARTMENT or PLU ENTRY]

[DEPARTMENT or PLU ENTRY]

[SUBTL]

enter percent rate - [%1] or [%2] (Programmable)
(0.00 - 99.99%)

{ TENDER }



Item Discount

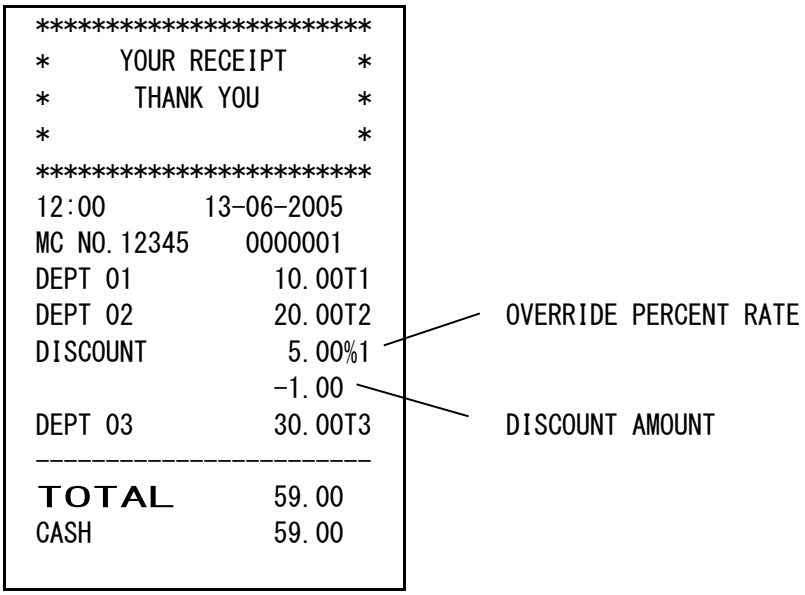
[DEPARTMENT or PLU ENTRY]

[DEPARTMENT or PLU ENTRY]

enter percent rate - [%1] or [%2] (Programmable)
(0.00 - 99.99%)

[DEPARTMENT or PLU ENTRY]

{ TENDER }



9-8) +% KEY OPERATIONS -

Sale Percent Plus

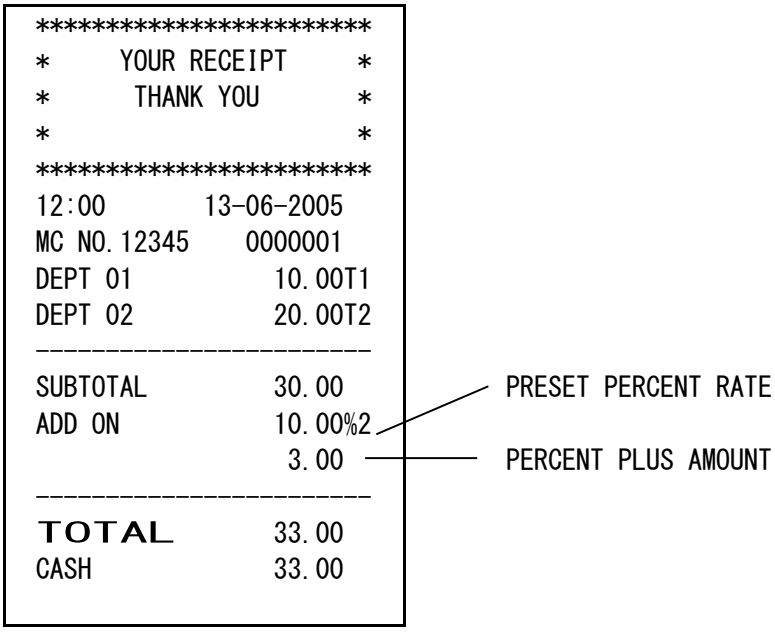
[DEPARTMENT or PLU ENTRY]

[DEPARTMENT or PLU ENTRY]

[SUBTL]

enter percent rate - [%1] or [%2] (Programmable)
(0.00 - 99.99%)

{ TENDER }



Item Percent Plus

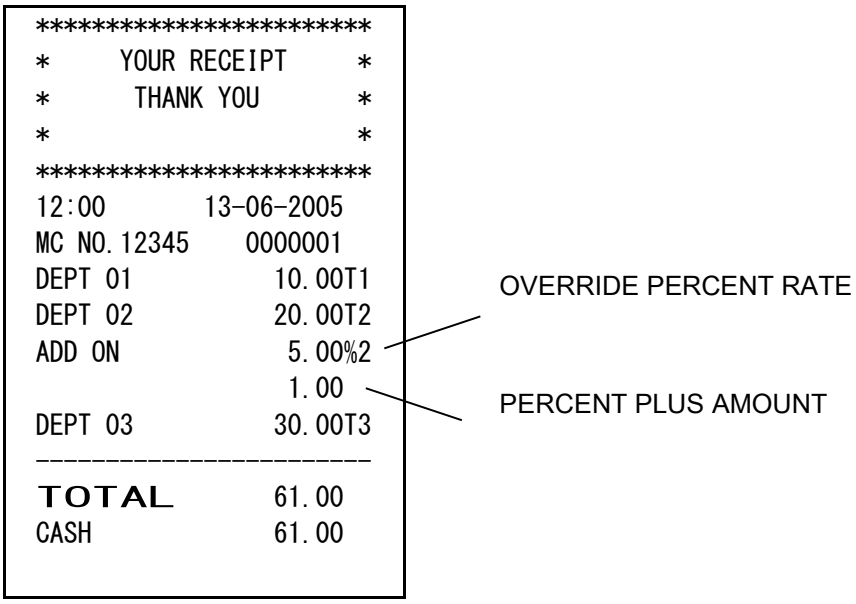
[DEPARTMENT or PLU ENTRY]

[DEPARTMENT or PLU ENTRY]

enter percent rate - [%1] or [%2] (Programmable)
(0.00 - 99.99%)

[DEPARTMENT or PLU ENTRY]

{ TENDER }



9-9) EC / VOID KEY OPERATIONS

The EC / VOID key is used for void operations inside of a sale.

Void of a Last Item Entry (error correct)

[DEPARTMENT or PLU ENTRY]

[DEPARTMENT or PLU ENTRY]

[EC]

Void of Non-Last Item Entry

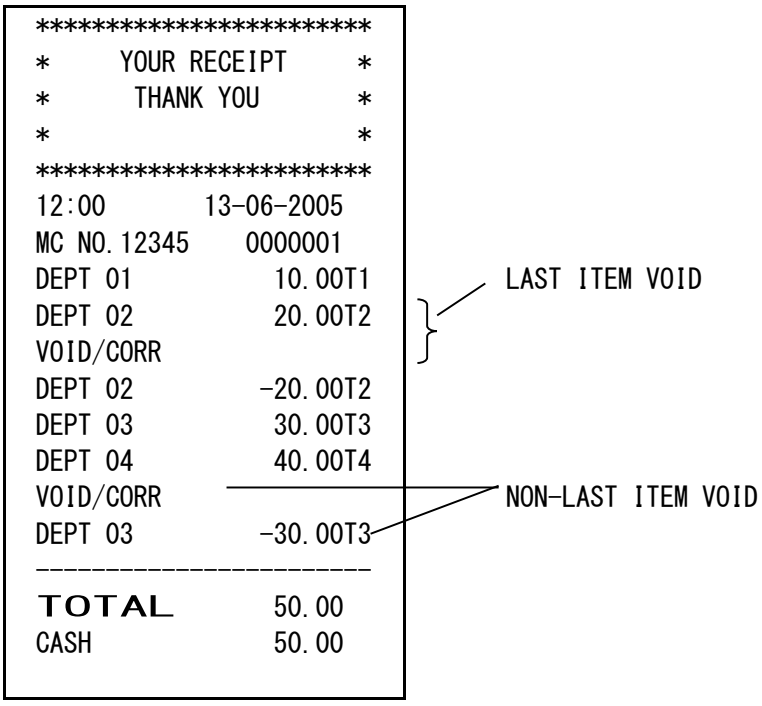
[DEPARTMENT or PLU ENTRY]

[DEPARTMENT or PLU ENTRY]

[VOID]

[INCORRECT DEPT or PLU ENTRY]

{ TENDER }



9-10) FULL VOID KEY OPERATIONS

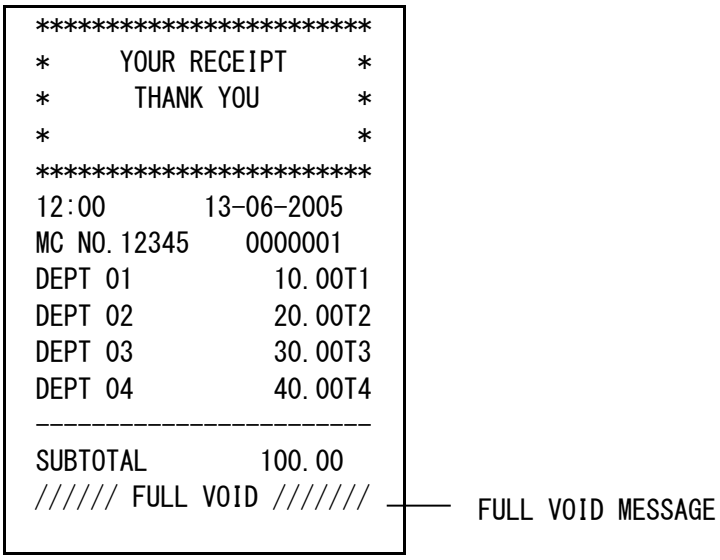
The transaction is suspended by the full void operation.
Full void operation is possible after payment is started.

[DEPARTMENT or PLU ENTRY]

[DEPARTMENT or PLU ENTRY]

([SUBTL])

[FULL VOID]



Note) After operation of recall cannot perform operation of full void.
When the number of items in a transaction exceed 50 items, a full void operation cannot be performed.

9-11) SCROLL VOID OPERATIONS (Only in the tracking system)

When you re-open a New Balanced table, the old balance items will be shown up on the display and a cursor stays on the last item. You are ready to cancel any items on the display by using arrow keys.

After you select an item, press "EC" key to cancel the item. -> See Case 1
During a table sales, you can make a scroll void by pressing [↑] key. -> See case 2

<Case 1> Scroll void when opening a new balanced table

(Re-Open table) - (Select item by [↑][↓] keys) - [EC] Add new items

New Balance

Finalize the table

<Case 2> Scroll void a table sales

(Table open) – (item entry) -[↑] - (Select item by [↑][↓] keys) - [EC] Add new items

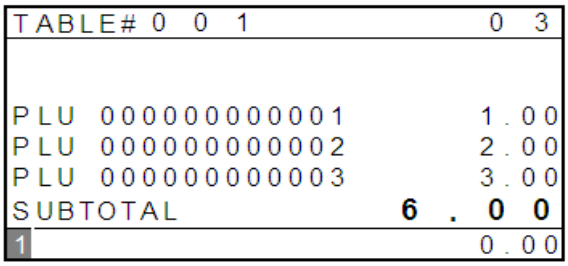
or

(Table re-open) New Balance

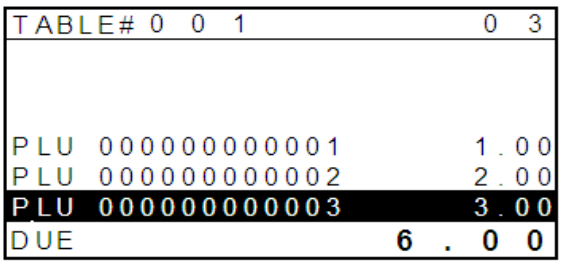
Finalize the table

EXAMPLE)

PLU1
PLU2
PLU3

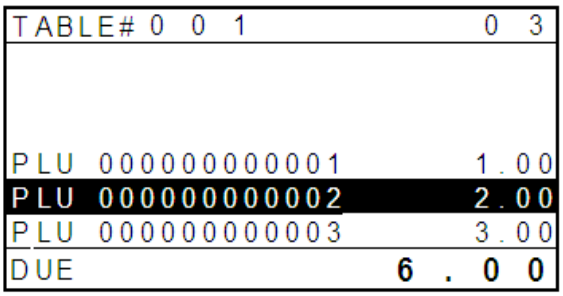


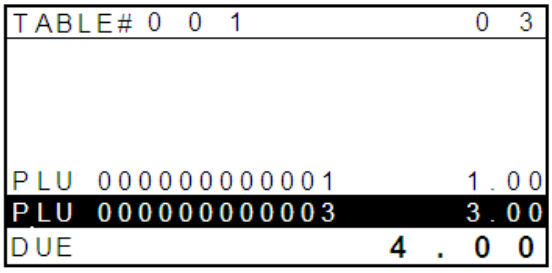
[↑]



[↑]

[EC]





Note : When you add a new item or new balance the table, the Scroll Void mode will be escaped automatically.

9-12) REFUND OPERATIONS

Merchandise Return of a Single Department Entry

[REFUND]

[DEPARTMENT or PLU ENTRY]

Merchandise Return of a Multiple Department Entry

[REFUND]

enter quantity ( )-[X/DATE/TIME]
(0.001 - 999.999)

enter amount ( )-[DEPARTMENT or PLU ENTRY]

{ TENDER }

```
************************
*     YOUR RECEIPT     *
*      THANK YOU       *
*                      *
************************
12:00        13-06-2005
MC NO.12345     0000001
REFUND -----------------
DEPT 01          -10.00T1
REFUND -----------------
DEPT 02
 2x 2.00          -4.00T2
------------------------
TOTAL            -14.00
CASH             -14.00
```

9-13) RECEIVED ON ACCOUNT OPERATIONS

enter amount received ( )-[RA]-[payment]

Maximum 8 digits

Example : (1000) - [RA] - [CASH]

```
**************************
*     YOUR RECEIPT       *
*      THANK YOU         *
*                        *
**************************
12:00        13-06-2005
MC NO.12345     0000001
RECD ACCT          10.00
CASH               10.00
```

9-14) PAID OUT OPERATIONS

enter amount paid ( )-[PO]-[payment]

Maximum 8 digits

Example : (500) - [PO] - [CHECK]

```
**************************
*     YOUR RECEIPT       *
*      THANK YOU         *
*                        *
**************************
12:00        13-06-2005
MC NO.12345     0000001
PAID OUT            5.00
CHECK               5.00
```

9-15) NON-ADD NUMBER PRINT OPERATIONS

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

(Maximum 10 digits)-[# / NS]

```
************************
*     YOUR RECEIPT     *
*      THANK YOU       *
*                      *
************************
12:00        13-06-2005
MC NO.12345     0000001
                1234567#
DEPT 01           10.00T1
------------------------
TOTAL             10.00
CASH              10.00
```

9-16) 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       *
*                      *
************************
12:00        13-06-2005
MC NO.12345     0000001
NO SALE
```

9-17) TENDERING OPERATIONS-Cash Tender

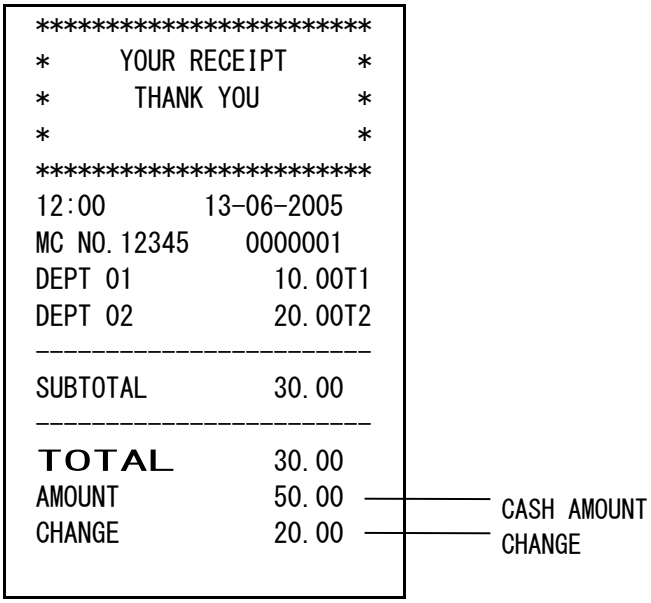
In system options programming, entering the amount tendered prior to depression of the TOTAL/2nd RC key can be programmed compulsory.

[DEPARTMENT or PLU ENTRY]

[DEPARTMENT or PLU ENTRY]

[TOTAL] or [SUBTL]

enter amount tendered ( ) [TOTAL]



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

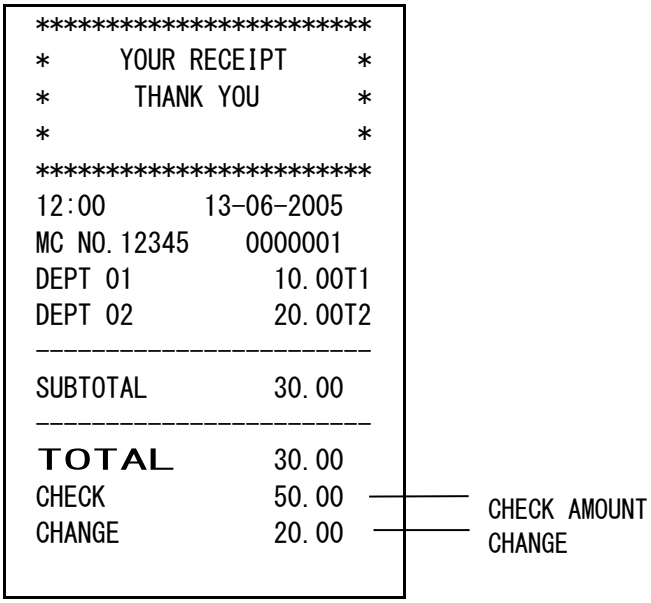
9-18) TENDERING OPERATIONS-Check Tender

[DEPARTMENT or PLU ENTRY]

[DEPARTMENT or PLU ENTRY]

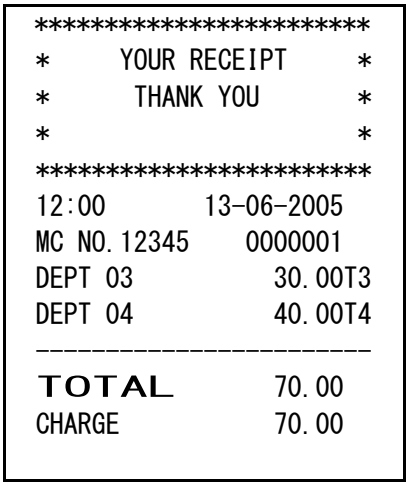
[CHECK] or [SUBTL]

enter amount tendered ( ) - [CHECK]



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

9-19) TENDERING OPERATIONS-Charge Tender



```
************************
*     YOUR RECEIPT     *
*      THANK YOU       *
*                      *
************************
12:00        13-06-2005
MC NO.12345     0000001
DEPT 03            30.00T3
DEPT 04            40.00T4
------------------------
TOTAL              70.00
CHARGE             70.00
```

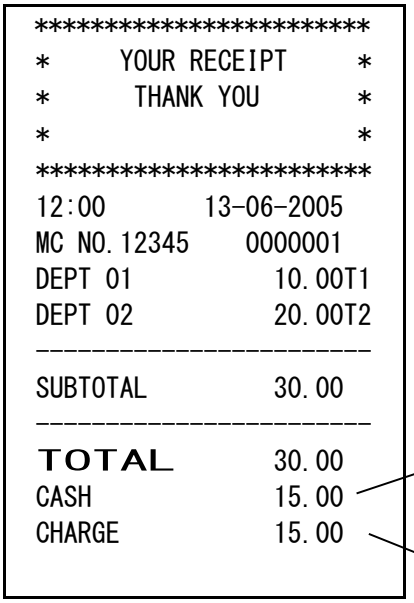
[DEPARTMENT or PLU ENTRY]

[DEPARTMENT or PLU ENTRY]

[CHARGE] or [SUBTL]

enter amount
tendered( )-[CHARGE]

Split Tender



```
************************
*     YOUR RECEIPT     *
*      THANK YOU       *
*                      *
************************
12:00        13-06-2005
MC NO.12345     0000001
DEPT 01            10.00T1
DEPT 02            20.00T2
------------------------
SUBTOTAL           30.00
------------------------
TOTAL              30.00
CASH               15.00
CHARGE             15.00
```

[DEPARTMENT or PLU ENTRY]

[DEPARTMENT or PLU ENTRY]

[SUBTL]

enter amount
tendered( )-[TOTAL]

[CHARGE]

CASH PAYMENT

CHARGE PAYMENT

*The customer display will show "Cr" at 9th and 10th digits for chage.

A minus sign precedes it if total is in a minus figure.

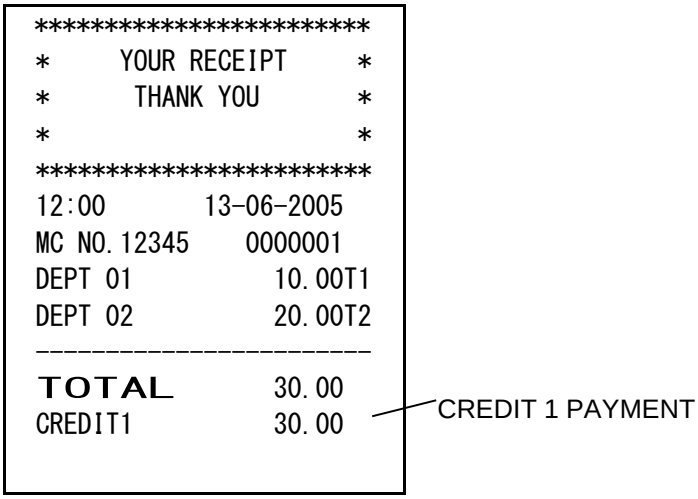
9-20) TENDERING OPRATIONS-Credit Tender

[DEPARTMENT or PLU ENTRY]

[DEPARTMENT or PLU ENTRY]

[CRED1 - 5] or [SUBTL]

enter amount tendered( ) - [CRED 1 - 5]



*The customer display will show "Cr" at 9th and 10th digits for credit.

A minus sign precedes it if total is in a minus figure.

9-21) FC CONVERSION OPERATION

FC convert calculation : Divide

Subtotal Amount ÷ FC Exchange Rate = Conversion Amount

FC convert calculation : Multiple

Subtotal Amount × FC Exchange Rate = Conversion Amount

When tendered immediately after currency conversion is made (now converted total amount is on the customer display), the machine understands that the payment is made in the converted currency.

[DEPARTMENT or PLU ENTRY]

[DEPARTMENT or PLU ENTRY]

(FC#) - [FC]

enter amount tendered( ) – { TENDER }

Example 1 : Direct Tender

FC calculation select –Divide

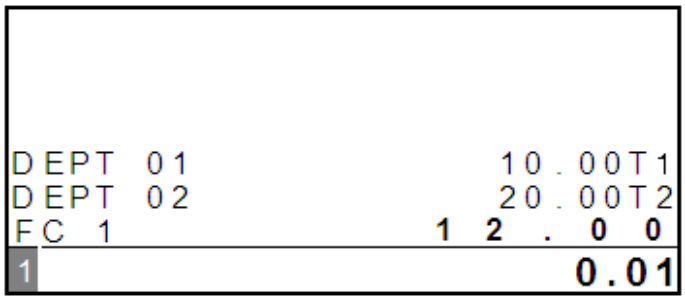
FC exchange rate : 2.5 (D.P = 2) , FC#1 CAPTION = FC1, SYSTEM D.P = 2

(1000)[DEPT1]

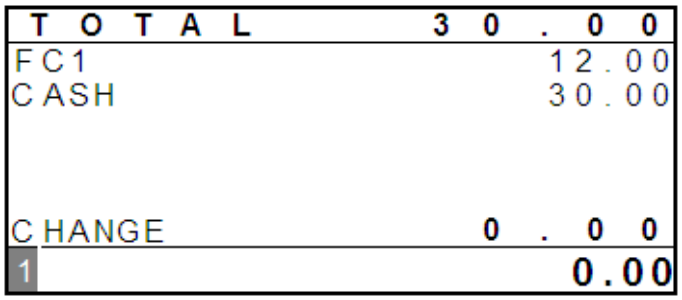
(2000)[DEPT2]

[SUBTOTAL]

(1)[FC]



[TOTAL]



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

```
************************
*     YOUR RECEIPT     *
*      THANK YOU       *
*                      *
************************
12:00        13-06-2005
MC NO.12345    0000001
DEPT 01          10.00T1
DEPT 02          20.00T2
------------------------
SUBTOTAL         30.00
------------------------
TOTAL            30.00   --> LOCAL TOTAL
FC1 2.5         *12.00   --> FC1 TOTAL
CASH FC1        *12.00   --> FC1 CASH AMOUNT
```

Example 2 : Over Tender

FC calculation select - Divide

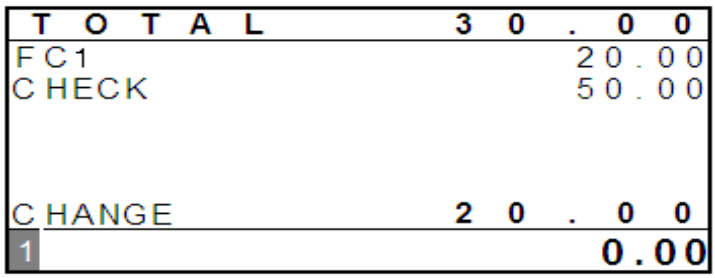
FC exchange rate : 2.5 (D.P = 2) , FC#1 CAPTION = FC1, SYSTEM D.P = 2

(1000) [DEPT1]

(2000) [DEPT2]

[SUBTOTAL]

(1) [FC] (No print)



(2000) [CHECK]

Change amount to be converted to local currency

(20.00-12.00) x 2.5 = 20.00 <-- Change

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

```
************************
*     YOUR RECEIPT     *
*      THANK YOU       *
*                      *
************************
12:00        13-06-2005
MC NO.12345     0000001
DEPT 01           10.00T1
DEPT 02           20.00T2
------------------------
SUBTOTAL          30.00
------------------------
TOTAL             30.00    --> LOCAL TOTAL
FC1 2.5          *12.00    --> FC1 TOTAL
CHECK FC1        *20.00    --> FC1 CHECK AMOUNT
CHANGE            20.00    --> LOCAL CHANGE
CHANGE FC1        *8.00    --> FC1 CHANGE
```

Example 3 : Direct Tender

FC calculation select - Multiple

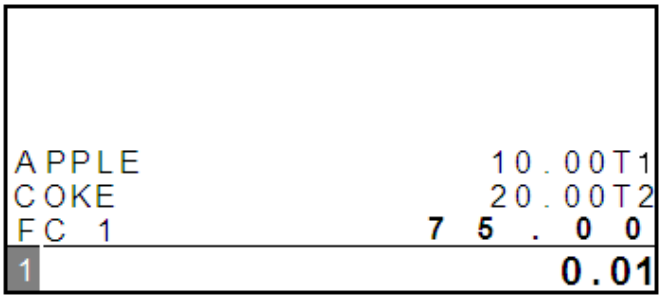
FC exchange rate : 2.5 (D.P = 2) , FC#1 CAPTION = FC1, SYSTEM D.P = 2

(1000) [PLU]

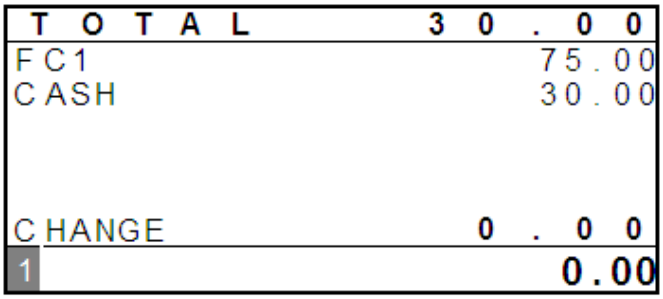
(2000) [PLU]

[SUBTOTAL]

(1) [FC] (No print)



[TOTAL]




```
************************
*     YOUR RECEIPT     *
*      THANK YOU       *
*                      *
************************
12:00        13-06-2005
MC NO.12345     0000001
APPLE              10.00T1
COKE               20.00T2
------------------------
SUBTOTAL           30.00
------------------------
TOTAL              30.00   --> LOCAL TOTAL
FC1 2.5           *75.00   --> FC1 TOTAL
CASH FC1          *75.00   --> FC1 CASH AMOUNT
```

Example 4 : Over Tender

FC calculation select - Multiple

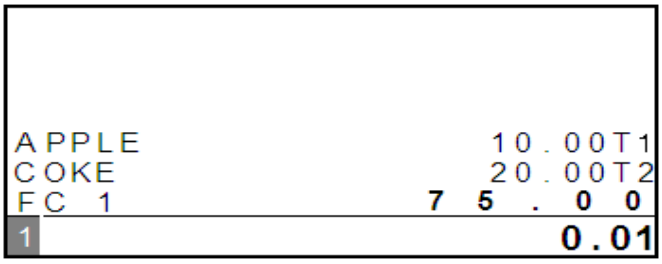
FC exchange rate : 2.5 (D.P = 2) , FC#1 CAPTION = FC1, SYSTEM D.P = 2

(1000) [PLU]

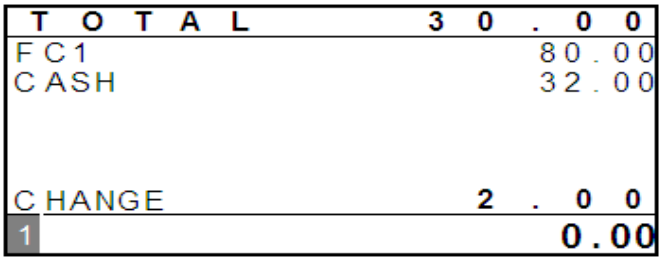
(2000) [PLU]

[SUBTOTAL]

(1) [FC] (No print)



(8000) [TOTAL]



80.00 ÷ 2.5 = 32.00 (Local amount)

32.00 – 30.00 = 2.00 (Local amount)

2.00 x 2.5 = 5.00 (FC1 change amount)

Change amount to be converted to local currency

5.00 ÷ 2.5 = 2.00 change

```
************************
*     YOUR RECEIPT     *
*      THANK YOU       *
*                      *
************************
12:00        13-06-2005
MC NO.12345    0000001
APPLE             10.00T1
ORANGE            20.00T2
------------------------
SUBTOTAL          30.00
------------------------
TOTAL             30.00    --> LOCAL TOTAL
FC1 2.5          *75.00    --> FC1 TOTAL
AMOUNT FC1       *80.00    --> FC1 CASH AMOUNT
CHANGE             2.00    --> LOCAL CHANGE
CHANGE FC1        *5.00    --> FC1 CHANGE
```

9-22) HOLD/RECALL OPERATION

You can interrupt one customer's transaction with other customer's transaction.
When the number of items in a transaction exceed 50 items, a hold operation cannot be performed.

Key sequence

Sales item entries for Customer A → [HOLD/RECALL] Temporary finalization of A sale (HOLD) → Operate sale item entries and finalize for Customer B. The buzzer beeps at the finalization.

→ [HOLD/RECALL] Additional entries if any, and real sale finalization for Customer A.
Recalling Customer A Sale (RECALL)

The screen sample:

H : HOLD status indicator
R : RECALL status indicator

Example)

[DEPT1]
[DEPT2] Sales item entries for costomer A.

[HOLD/RECALL] -------> Temporary finalization of a sale (HOLD)

[DEPT3]
[DEPT4] Operate sale item entries and finalize for Customer B.
[TOTAL]

[HOLD/RECALL] -------> Recalling Customer a Sale (RECALL)
[DEPT5]
[DEPT6]
[CHECK]

```
************************
*     YOUR RECEIPT     *
*      THANK YOU       *
*                      *
************************
12:00       13-06-2005
MC NO.12345    0000001
DEPT 01           10.00T1
DEPT 02           20.00T2
//////// HOLD ////////
```

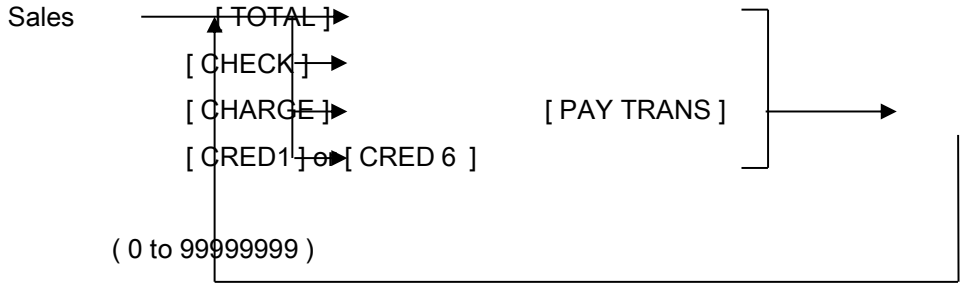
```
************************
*     YOUR RECEIPT     *
*      THANK YOU       *
*                      *
************************
12:00       13-06-2005
MC NO.12345    0000001
DEPT 03           30.00T3
DEPT 04           40.00T4
------------------------
TOTAL             70.00
CASH              70.00
```

```
************************
*     YOUR RECEIPT     *
*      THANK YOU       *
*                      *
************************
12:00       13-06-2005
MC NO.12345    0000002
//////// RECALL ////////
DEPT 01           10.00T1
DEPT 02           20.00T2
------------------------
SUBTOTAL          30.00
DEPT 05           50.00
DEPT 06           60.00
------------------------
TOTAL            140.00
CHECK            140.00
```

Note). In the case of Spanish and Portuguese, "HOLD/RECALL" does not function.

9-23) PAYMENT TRANSFER OPERATION

The payment transfer is used to changing payment media from finalizing tender media.



The tender key to change is paid the except tender key at the time.
When you carry out an amount of money input, pay before changing and input many amounts of money from a frame.

Note) 1. This operation is allowed once time only after finalizing sales transaction.
2. The receipt of this operation will not be issued.
3. Data goes into electric journal.
4. This operation after paying in foreign currency is forbidden.
5. It is possible to operate it even by the tracking registration.

Example: Printing sample on EJ as below.
CRED1 payment is transferred to CASH.

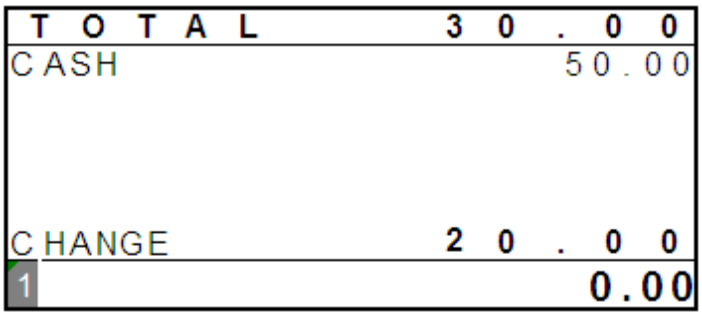
```
12:00          13-06-2005
MC NO.12345      0000001
TOTAL              30.00
CREDIT1            30.00
TRANSFER
CASH               50.00
```

Note) Multiple receipt can not be taken after payment transfer.

9-24) CHANGE POST TENDERING OPERATION

The post tendering is used to confirming change computation after finalizing sales transaction as exact tendering. When a customer delay the payment, operator depress TOTAL/2nd RC key as exact tender.

Then the customer pays Per-payment. In that case, operator can be used this.



Note) 1. That change amount will be displayed only except any receipt.
This operation after paying in foreign currency is forbidden.
2. Post tendering can be operated only when the customer paid by CASH.

9-25) MULTIPLE(COPY) RECEIPT ISSUE

[TOTAL/enter] key enables re-print receipt. Data to be accumulated in RAM to enable this feature is 60 lines. In the event that data exceeds 60 lines, only total amount is to be printed.

REG/MGR mode only :

(Transaction)

{ TENDER }

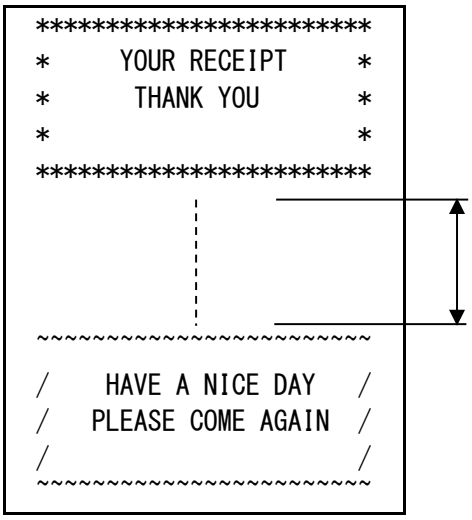
[TOTAL] Print receipt ⟶

Example : (100) - [DEPT1]

(1) - [PLU CODE]

[TOTAL]

[TOTAL] Re-print receipt ⟶



It becomes total printing when 60 lines is exceeded in this range.

9-26) TABLE TRACKING BASE OPERATIONS

9-26-1) First of tracking

(Table #) [TABLE#/NEW-BAL]

((Guest#) [GUEST])

1 –99

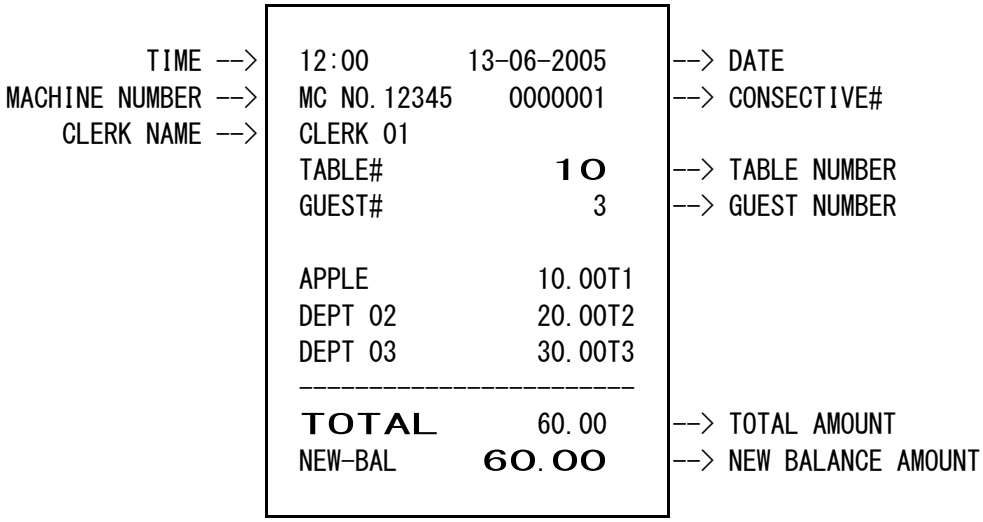
ITEM REGISTRATION [DEPT] or [PLU] ------ Receipt is started

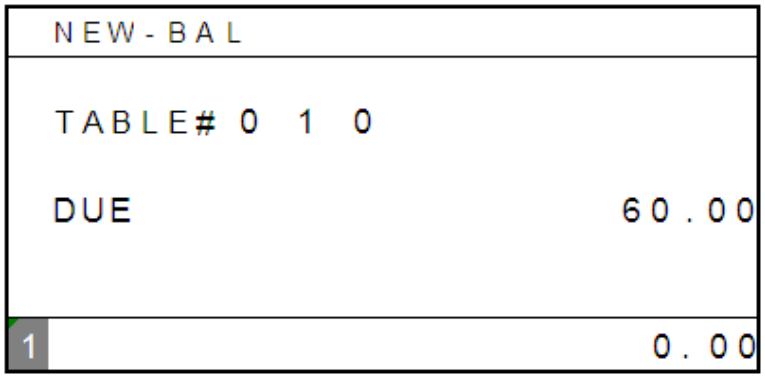
|

|

[TABLE#/NEW-BAL]

Example: Printing sample Receipt.





9-26-2) Second of tracking

(Table #) [TABLE#/NEW-BAL] ----- Previous Balance will be displayed as ST

ITEM REGISTRATION [DEPT] or [PLU] ------ Receipt is started

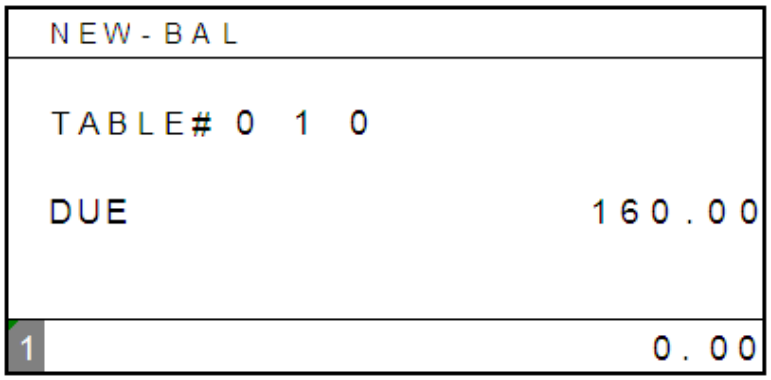
|

|

[TABLE#/NEW-BAL]

Example: Printing sample Receipt.

```
          TIME -->  12:00        13-06-2005     --> DATE
MACHINE NUMBER -->  MC NO.12345    0000001
    CLERK NAME -->  CLERK 01
                    TABLE#              10     --> TABLE NUMBER
                    GUEST#               3     --> PREVIOUS BALANCE
                    OLD-BAL          60.00

                    APPLE            10.00T1
                    DEPT 04          40.00T4
                    DEPT 05          50.00
                    ------------------------
                    TOTAL           160.00     --> TOTAL AMOUNT
                    NEW-BAL     160.00         --> NEW BALANCE AMOUNT
```



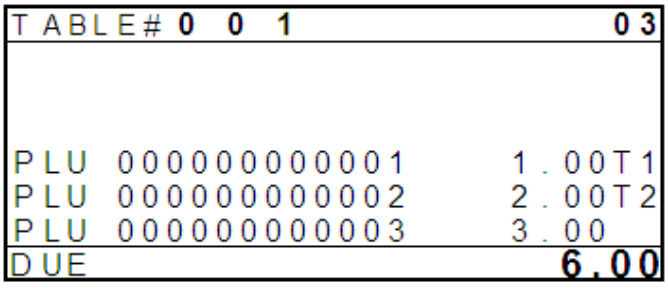
9-26-3) Review of tracking

Review for a sale transaction which has been temporally finalized by the [NEW BALANCE] key is available on the display.

(Table #) [REVIEW]

Example)

(1) [TABLE]
(3) [GUEST#]
(100) [PLU1]
(200) [PLU2]
(300) [PLU3]
[NEW BALANCE]
(1) [REVIEW]

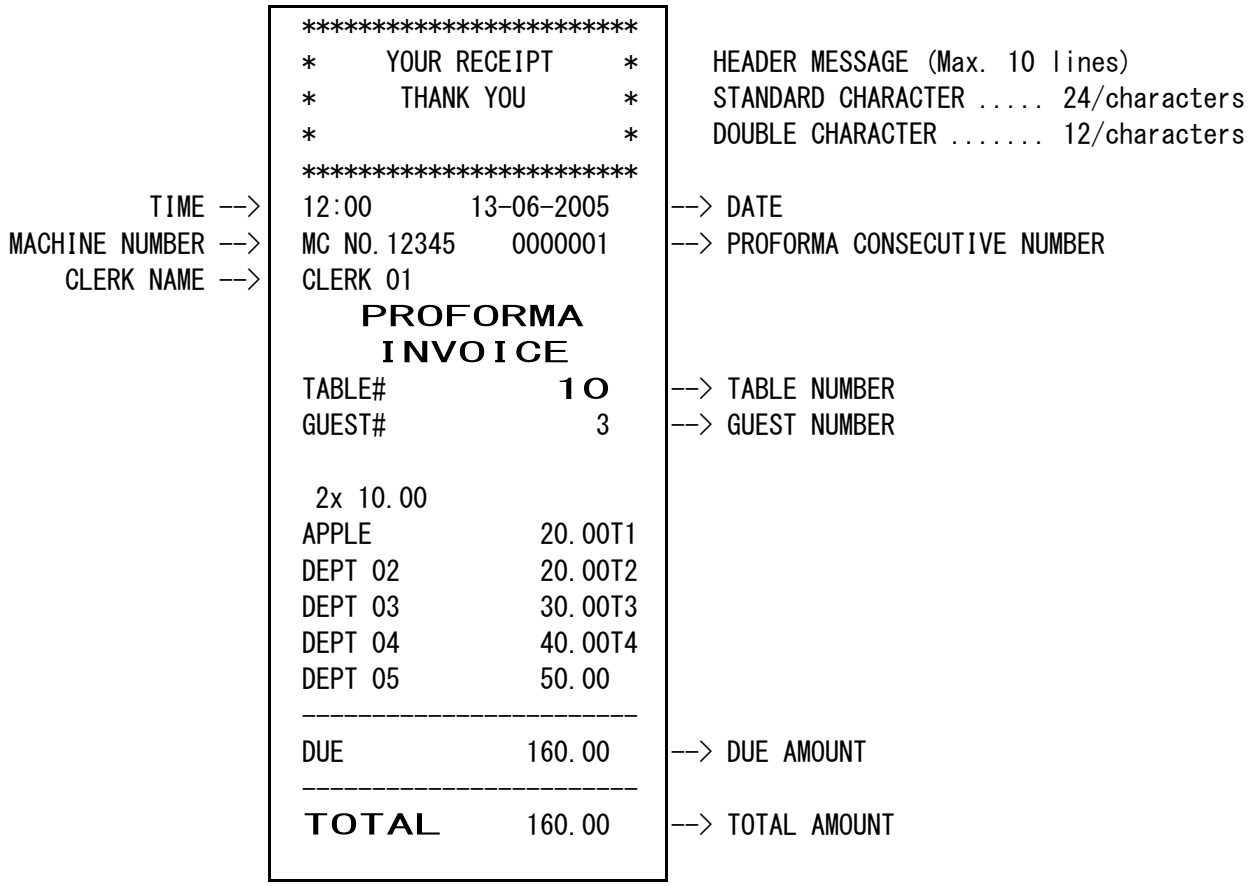


Note1 : Even if the Clerk Exclusive is active，“PROFORMA” and “REVIEW” are allowed to be Operated by any Clerk.
(Clerk Exclusive is temporally inactive for “PROFORMA” and “REVIEW”.)

9-26-4) Proforma invoice of tracking

You can issue a Proforma Invoice for a sale transaction which has been temporally finalized by the [NEW BALANCE] key.

(Table #) [PROFORMA]

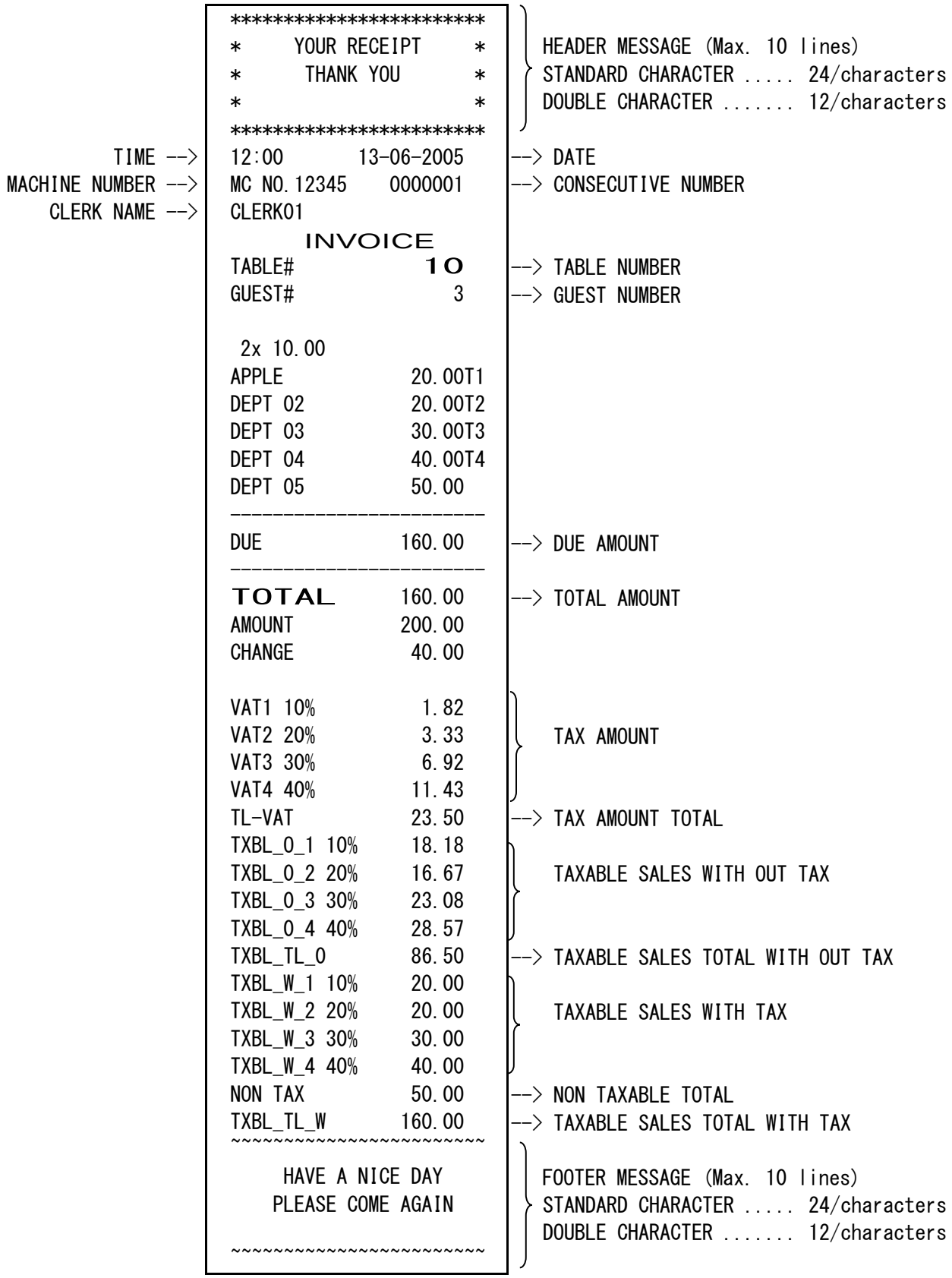


Note1) :Even if the Clerk Exclusive is active , “PROFORMA” and “REVIEW” are allowed to be Operated by any Clerk.
(Clerk Exclusive is temporally inactive for “PROFORMA” and “REVIEW”.)

9-26-5) Invoice of tracking

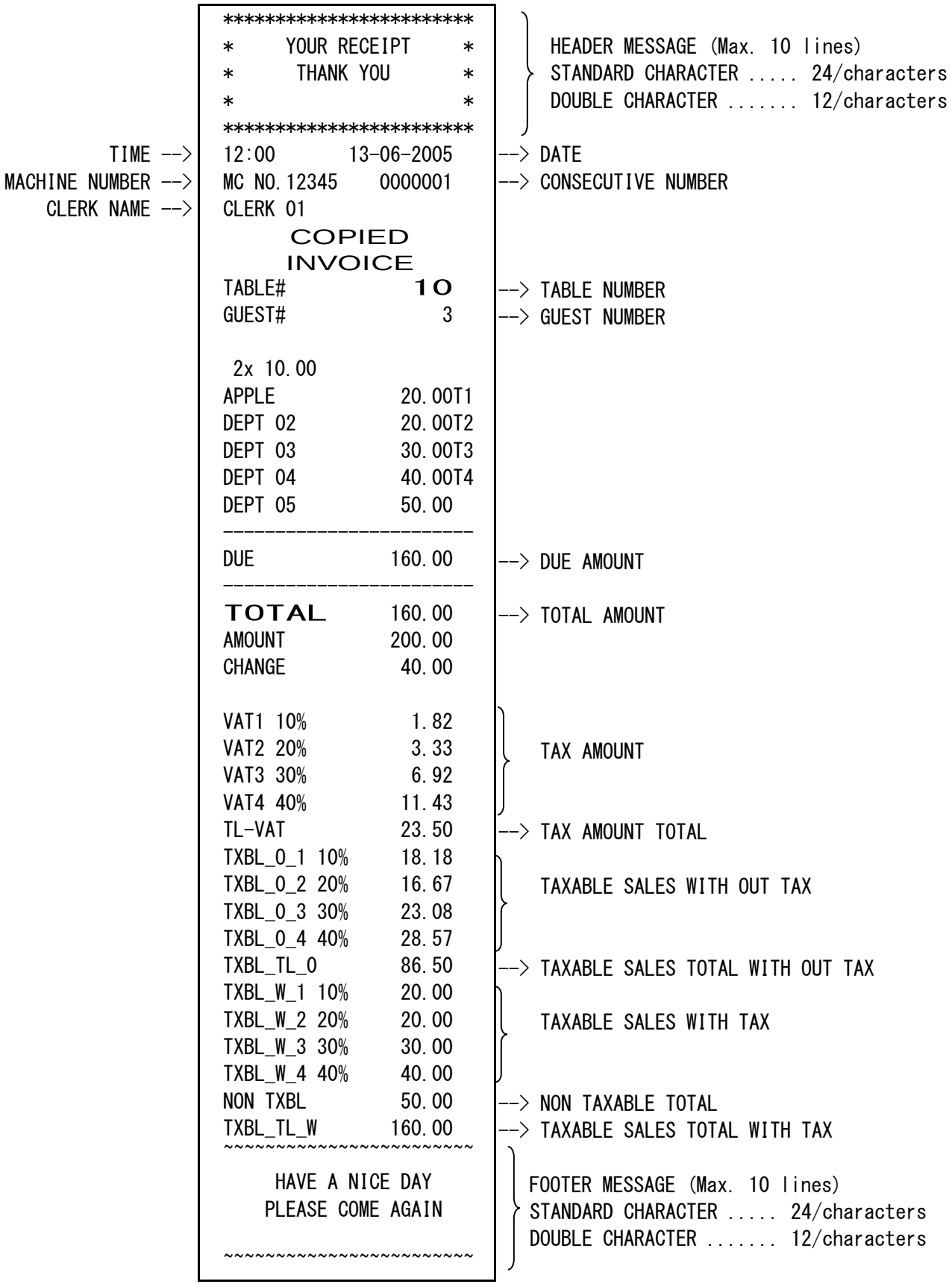
(Table #) [TABLE#] ---------- Previous Balance will be displayed as ST

(Payment Amount) [TENDER] ---------- INVOICE is issued



9-26-6) Copy invoice of tracking

Invoice is issued. Then, Depress [TOTAL/enter]



NOTE:Only1 Copy INVOICE is possible.

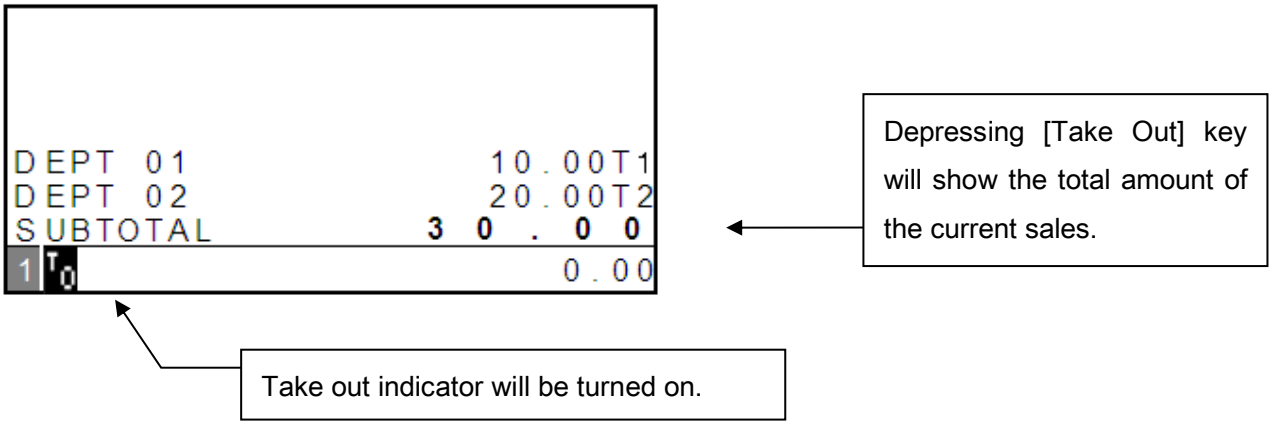
9-27) TAKE OUT

This operation is temporarily changes a Department or PLU tax status to “Takeout”,
The ECR calculates and displays the subtotal according to the programmed Takeout tax status.

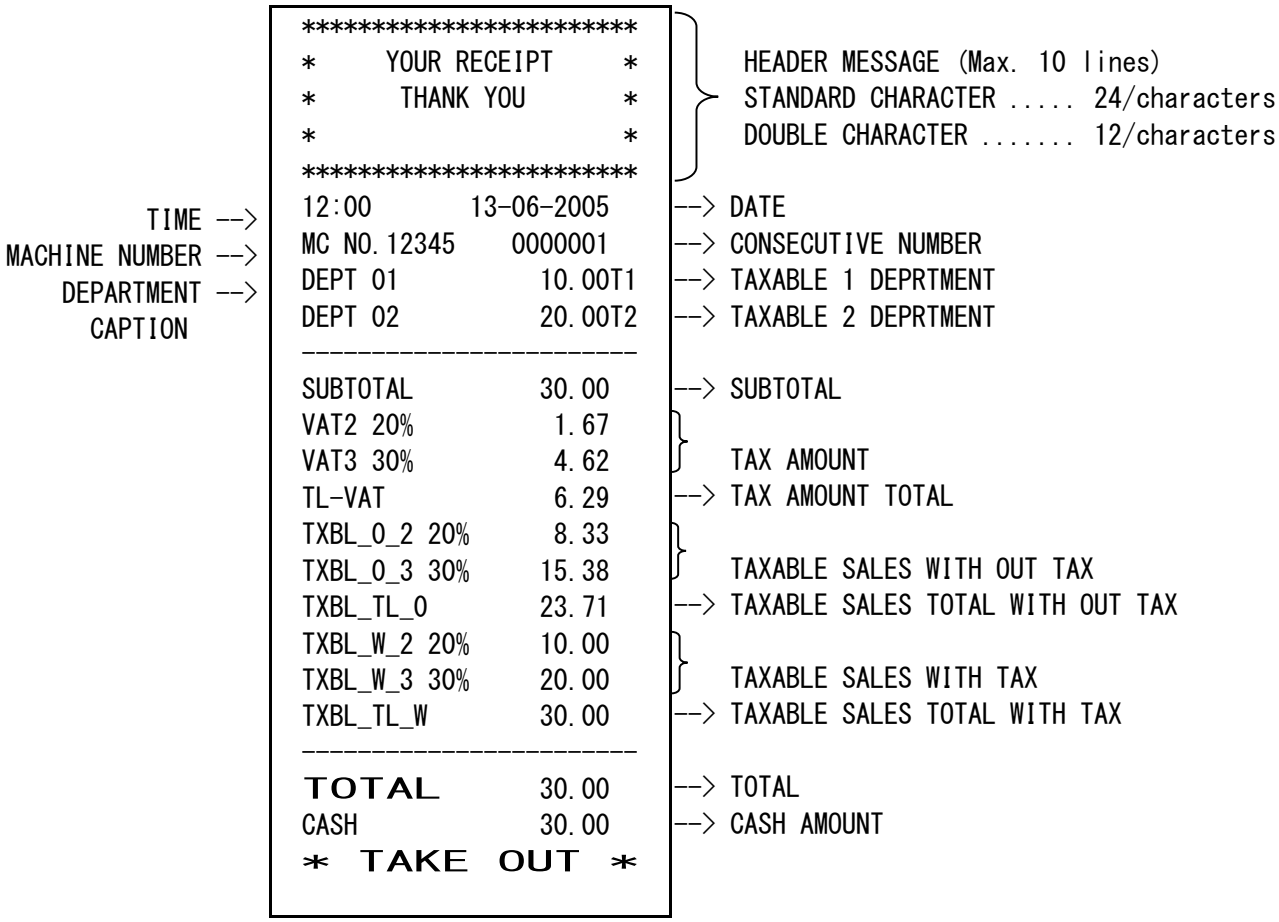
ITEM REGISTRATION [DEPT] or [PLU]
[TAKE OUT] --------- Tax status is changed to “Takeout”.
{ TENDER }

Example) Tax1 = 10%, Tax2 = 20%, Tax3 = 30%
DEPT1 : Tax status = 1, Takeout tax = 2
DEPT2 : Tax status = 2, Takeout tax = 3

(1000) [DEPT1]
(2000) [DEPT2]
[TAKEOUT]
[TOTAL]



Note) An additional item entry after take out operation will invalid the take out status.


****
* YOUR RECEIPT *
* THANK YOU *
* *
****
12:00 13-06-2005
MC NO.12345 0000001
DEPT 01 10.00T1
DEPT 02 20.00T2
SUBTOTAL 30.00
VAT2 20% 1.67
VAT3 30% 4.62
TL-VAT 6.29
TXBL_0_2 20% 8.33
TXBL_0_3 30% 15.38
TXBL_TL_0 23.71
TXBL_W_2 20% 10.00
TXBL_W_3 30% 20.00
TXBL_TL_W 30.00
TOTAL 30.00
CASH 30.00
* TAKE OUT *
HEADER MESSAGE (Max. 10 lines)
STANDARD CHARACTER 24/characters
DOUBLE CHARACTER 12/characters
TIME -->
MACHINE NUMBER -->
DEPARTMENT --> CAPTION
--> DATE
--> CONSECUTIVE NUMBER
--> TAXABLE 1 DEPRTMENT
--> TAXABLE 2 DEPRTMENT
--> SUBTOTAL
TAX AMOUNT
--> TAX AMOUNT TOTAL
TAXABLE SALES WITH OUT TAX
--> TAXABLE SALES TOTAL WITH OUT TAX
TAXABLE SALES WITH TAX
--> TAXABLE SALES TOTAL WITH TAX
--> TOTAL
--> CASH AMOUNT

9-28) DIVIDE PAYMENT

This operation is used when guests wish to split the bill equally and each of them need an invoice.
The invoices for each person will be issued by entering the number of guests.

(Number of guests) [: PAYMENT]
2 - 99

NOTES:

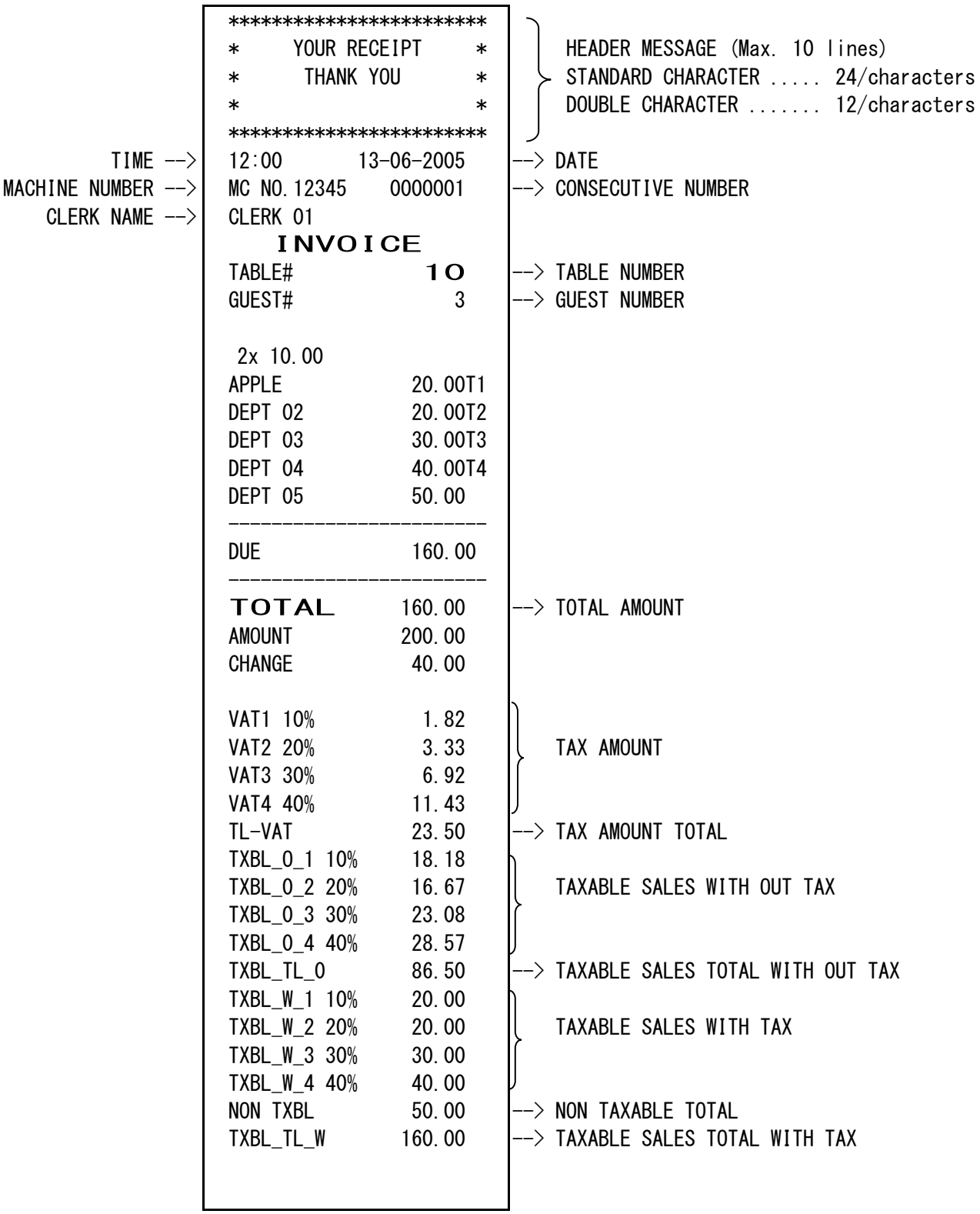
1. Sales total is divided by the number of persons entered.
   The receipts (invoices) for each person will be issued.
2. If the sales total is 0 or negative, this operation is not possible.
3. The result of the divided amount will be rounded up.
4. To obtain the amount for individual guest, divide sales-total by the number of persons entered.
   Then round up the result of divide.
5. This function is worked with table tracking system.
6. DIVIDE PATMENT receipt is not print.
7. In the case of Spanish and Portuguese, "DIVIDE PAYMENT" does not function.

Example) To equally divide the sales total 160.00 by three guests.

	Standard invoice issued	customer display	
(3) [: PAYMENT]	----- Invoice issued & Drawer opened	0.00	
	Standard amount will be displayed		
[TOTAL]	----- Invoice issued & Drawer opened	2	
[TOTAL]	----- Invoice issued & Drawer opened	1	
[TOTAL]	----- Invoice issued & Drawer opened	0.00	

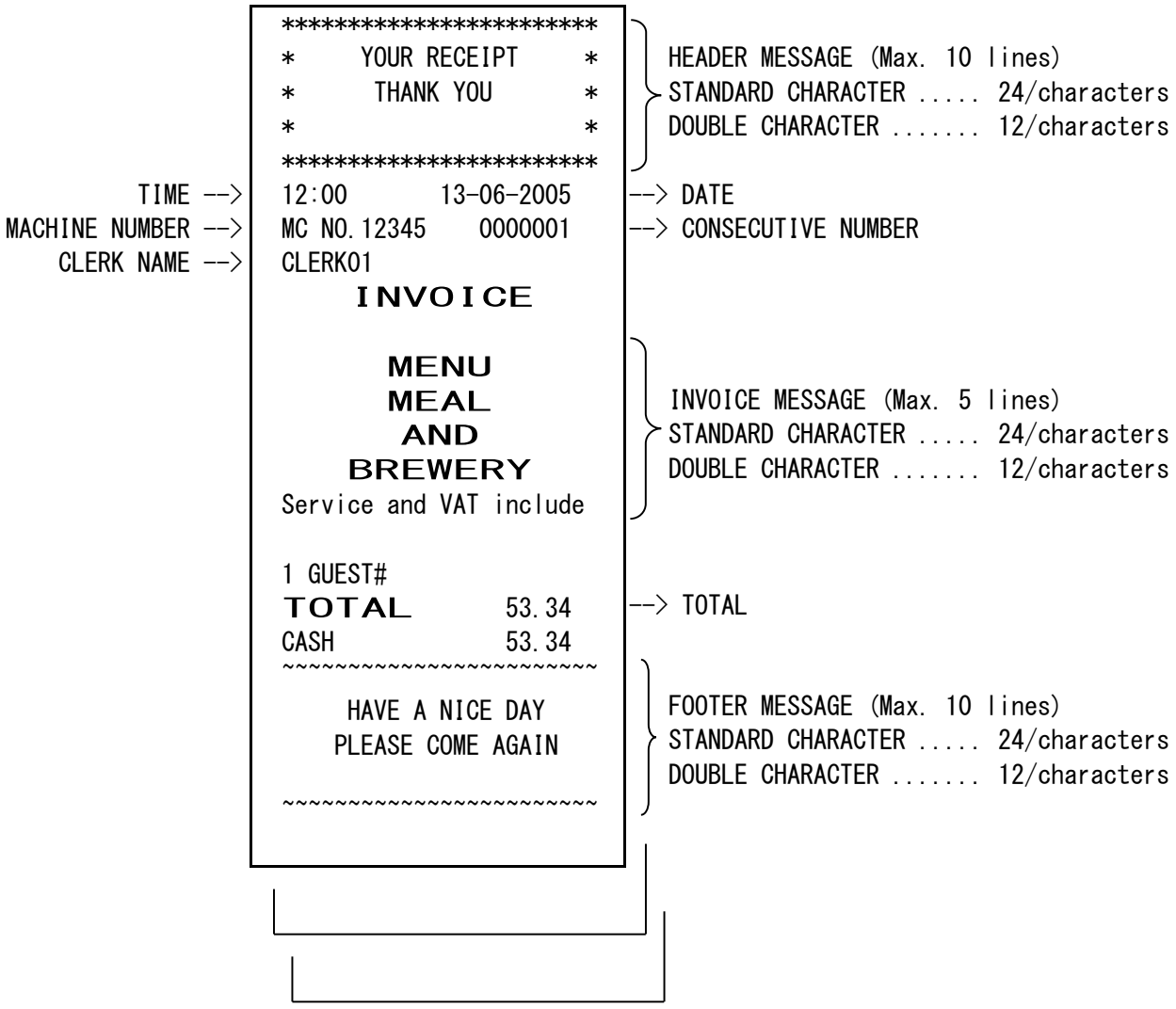
TOTAL	160.00
GUEST#	03
SUBTOTAL	53.34
1	0.00

Standard invoice



Each person’s invoice (This invoice is issued 3 times)

(3) [: PAYMENT]



9-29) TABLE ADD

Two different guest table accounts can be merged together.

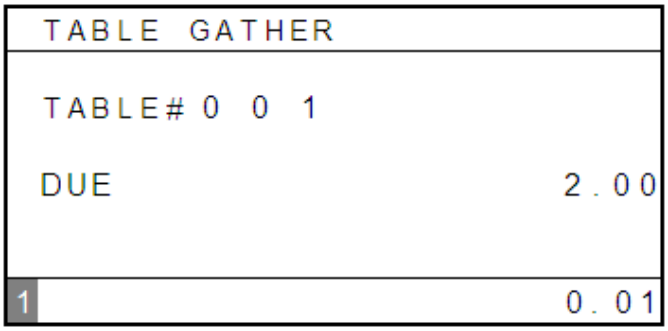
Table No. [TABLE ADD] ⟶ Table No. [CASH <ENTER>]

Enter the Table No. of which account is all transferred to another.

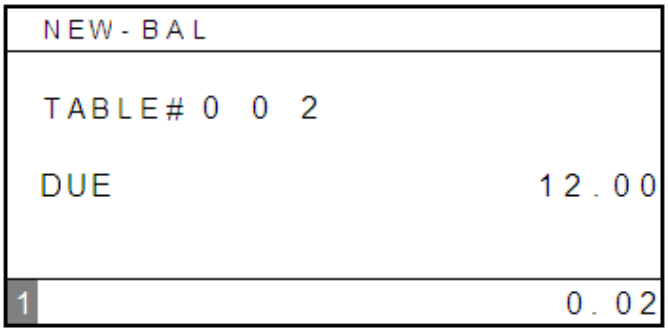
Enter the Table No. of the destination.

Example) To transfer the account of Table No.1 to Table No.2.

(1)- [TABLE ADD]



(2)- [TOTAL/enter]



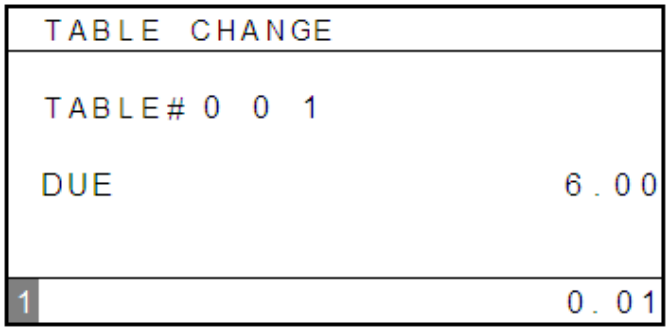
9-30) Table Change

A table which is being used can be changed to another not in use.

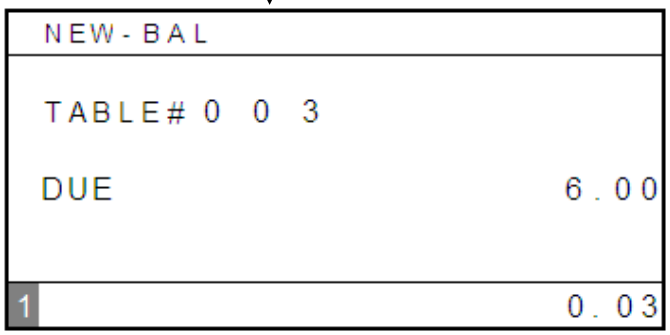
Table No. [TABLE CHANGE] New Table No. [CASH <ENTER>]

Example) To transfer the account of Table No.1 to Table No.3 which is not in use

(1)- [TABLE CHANGE]



(3)- [TOTAL/enter]



9-31) Table Separate (Screen Item Select)

Table account can be partially transferred to another table.

Table No. [TBL SEPARATE] → New Table No. [CASH <ENTER>]

Enter the Table No. which account is partially transferred to another.

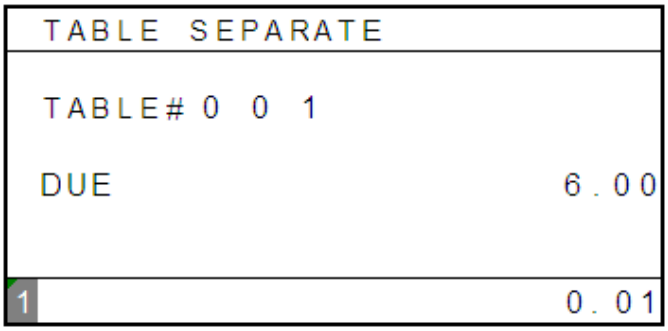
Enter the Table No. of the destination.

Select PLUs (menu item) on the Display and the number that wants to be selected is input.
(1 – 99)
[→] keys to select an item(+ 1 item)
[←] keys to cancel the selected item(- 1 item)

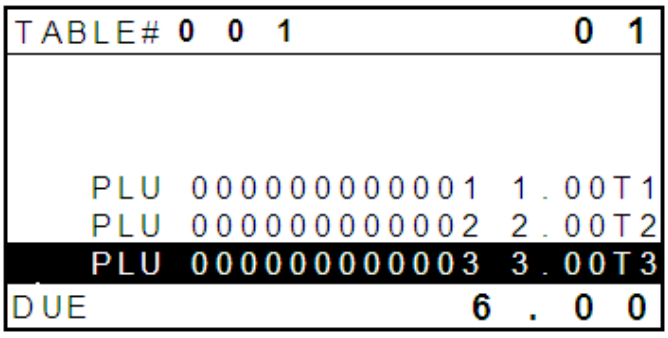
→ [TOTAL/enter] →

Example)

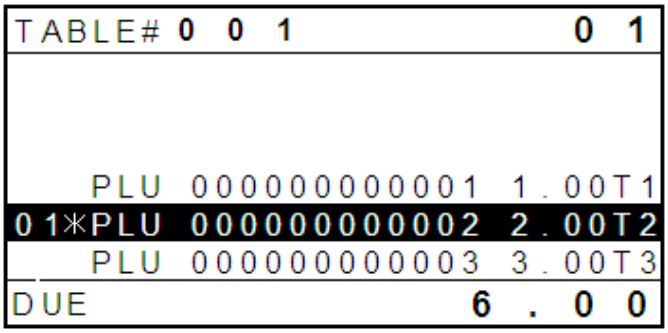
(1)- [TABLE SEPARATE]



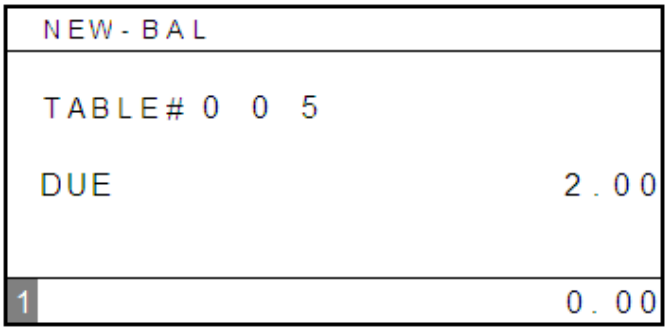
(5)- [TOTAL/enter]



[↑]- [→]


TABLE# 0 0 1 0 1
PLU 000000000001 1.00T1
01✳PLU 000000000002 2.00T2
PLU 000000000003 3.00T3
DUE 6.00

[TOTAL/enter]


NEW-BAL
TABLE# 0 0 5
DUE 2.00
1 0.00

9-32) Clerk Exclusive feature (for Table management)

At not Exclusive :

Normal clerk ~~Training clerk~~ →

×

Normal clerk ~~Normal clerk~~ →

○

Training clerk ~~Training clerk~~ →

○

At Exclusive :

A clerk who opens a table ← ~~A clerk who opens~~ a table

○

It is possible only by one pattern. (Both Normal and Training)

NOTES :

1. : ~~Even~~ though either of the clerks opens new table or re-open a table, the same result comes out.

2. Even if the Clerk Exclusive is active，“PROFORMA” and “REVIEW” are allowed to be Operated by any Clerk. (Clerk Exclusive is temporally inactive for “PROFORMA” and “REVIEW”.)

9-33) Business Meeting Report

This operation is used for a business meeting report.

{ Item entry }

[A.B.R.]

{ Payment }

```
************************
*     YOUR RECEIPT     *
*      THANK YOU       *
*                      *
************************
12:00        13-06-2005
MC NO.12345    0000001
DEPT 01            1.00T1
-----------------------
TOTAL              1.00
CASH               1.00
~~~~~~~~~~~~~~~~~~~~~~~

/    HAVE A NICE DAY   /
/   PLEASE COME AGAIN  /
/                      /
~~~~~~~~~~~~~~~~~~~~~~~

BUSINESS MEETING
RECEIPT

MEETING MEMBER:


MEETING AGENDA:



In Restaurant:


DATE:


SIGNATURE:
```

9-34) TRAY TOTAL

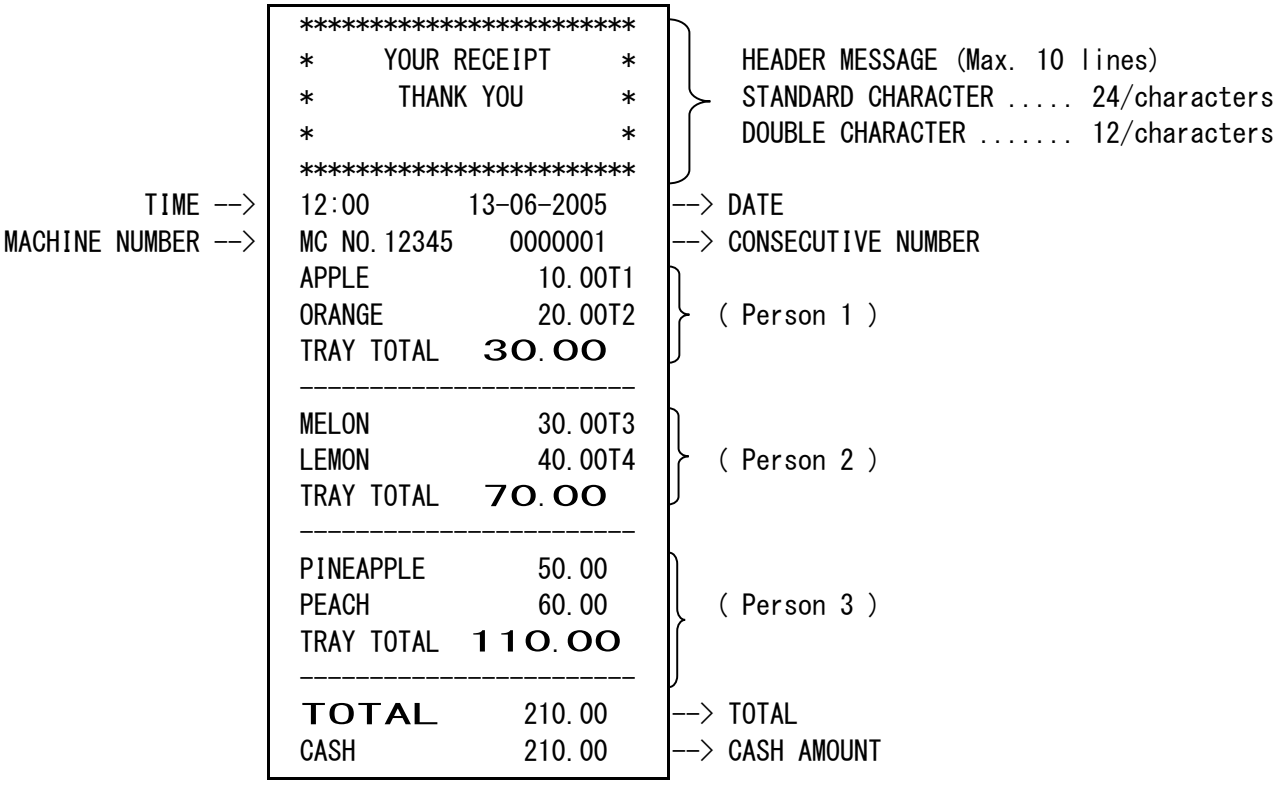
This operation is used to divide a transaction for individual guests of a party,
thus it obtains separate totals (tray total) for each guest sale.

ITEM REGISTRATION [DEPT] or [PLU]
[TRAY / T-TRAY] ------- Tray total of each guest
{ TENDER } Can be repeated for each guest person in a party

NOTES:

1. A receipt will be issued in batch print. The receipt of each tray total will not be issued.
2. The sale finalization operations is compulsory.
3. This function is works without table tracking transaction.

Example) [PLU 1]
[PLU 2] (Person 1)
[TRAY / T-TRAY]
[PLU 3]
[PLU 4] (Person 2)
[TRAY / T-TRAY]
[PLU 5]
[PLU 6] (Person 3)
([TRAY / T-TRAY])
[TOTAL /enter]



9-35) PLU INQUIRY

PLU inquiry operation is used to read the preset price of a PLU.

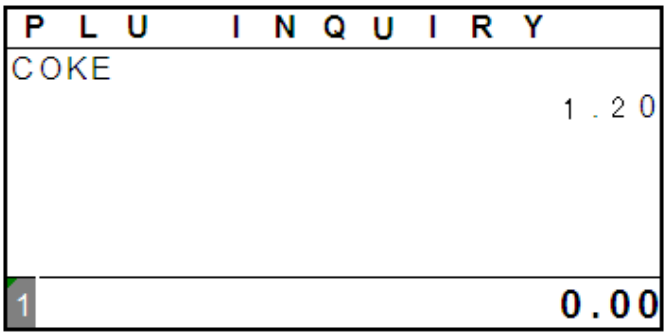
This operation is available both in the registration and out of sales.

[C] key can back to the original display and continue the sales registration with a new key entry.

[PLU INQUIRY] – (PLU#) – [PLU]

or

(Barcode Scanning)



NOTES:

1. This operation only display the preset price of a PLU and not able to sale it.
2. The PLU not existing in the PLU programming file cannot be displayed by PLU Inquiry operation.

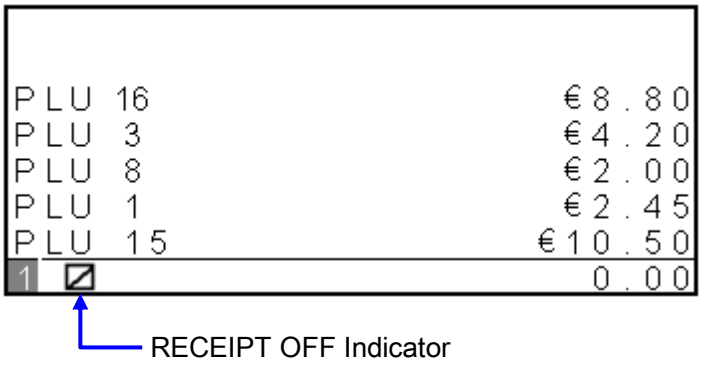
9-36) RECEIPT ON/OFF

REG/MGR mode only :

[RECEIPT ON/OFF]

It will be turned off if this key is pushed in the state of on.

And,it will be turned on if this key is pushed in the state of off.



Note) 1.Operation is possible in the state where out of transaction.

2.Operation is not possible in the state of JOURNAL MODE.

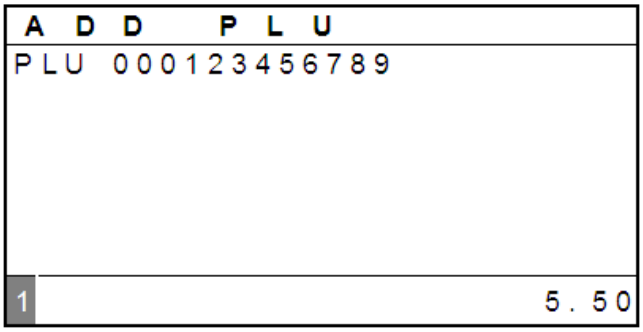
3.Multiple receipt can be issued een in the receipt off mode.

9-37) ADD PLU

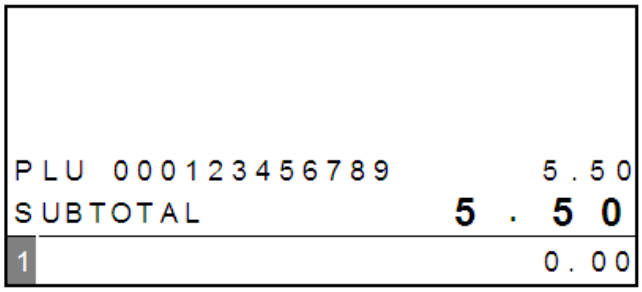
This operation is urgently register a PLU item not existing in the PLU programming file.
Once you operate to add a new PLU during registration, the PLU is directly added to the PLU programming file and you can maintenance it in the Programming mode afterwards.

[ADD PLU] (n) [X/TIME] (PLU#) [PLU] (price) [DEPARTMENT n]

Ex) To add the following PLU item
PLU#00000123456789 / Price : 5.50 / Linked Department : Department# 2



[ADD PLU]
(123456789)
[PLU]
(550)



[DEPARTMENT#2]

NOTES:

1. Training Clerk can also operate ADD PLU.
   The PLU item entered by a training clerk is also automatically added to the PLU programming file but not to the PLU report.

2. The PLU status follows that of the linked department.

3. ADD PLU operation is available both in the registration and out of sales.

4. The price and the price type programmed in a department key will not be reflected.

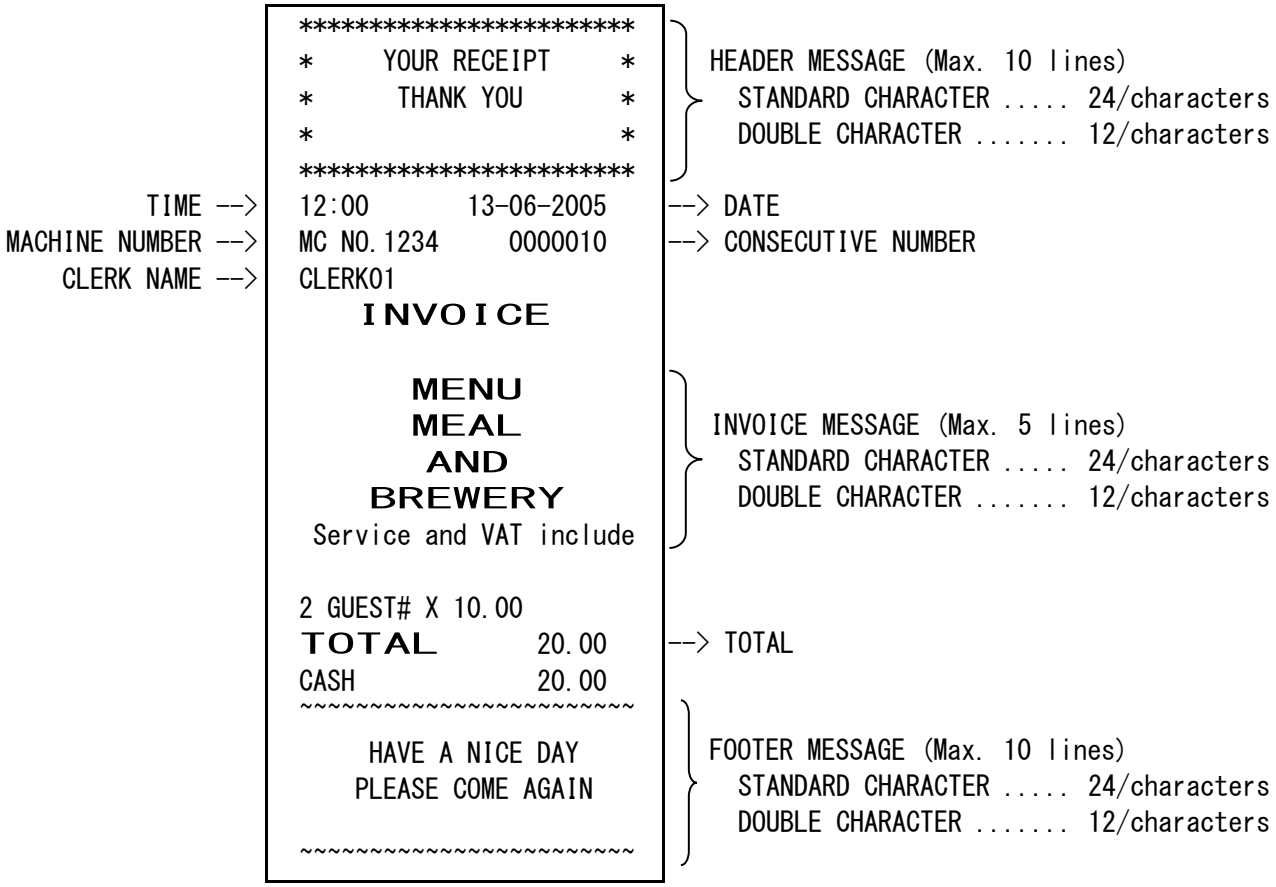
9-38) EXTRA INVOICE

This operation is used to issue an invoice by manual operation. Without a table number entry.
An extra invoice message to be printed on the invoice can be programmed beforehand.
After an amount entry, an invoice is issued by manual operation.

[EXTRA INVOICE]
(Guest#) [GUEST#] ---------- Number of guest : 1 to 99
(Amount) [TOTAL] ---------- Amount : Max. 6 digits

NOTES: 1. The drawer is opened.
2. Consecutive number is not increased.
3. Guest counter is not counted, and sales total is not updated.
4. Extra invoice can be done only with [TOTAL] key, and must be operated outside a sale.
5. This function is limited to manager or clerk programming.

Example) [EXTRA INVOICE]
(2) [GUEST#]
(1000) [TOTAL]



9-39) RETAIL INVOICE

Invoice to issue invoice in general retail use.

Invoice can be issued after a payment has been done.

[S.Total]

NOTES: 1. This function is works without table tracking transaction.

2. It is possible to issue it many times.

3. Invoice consecutive # is updated.

Example)

[PLU1]

|

|

[PLU3]

[CASH]

[S.Total]

```
************************
*     YOUR RECEIPT     *
*      THANK YOU       *
*                      *
************************
12:00        13-06-2005
MC NO.1234      0000010
CLERK01
PLU 000000000001  1.00T1
PLU 000000000002  2.00T2
PLU 000000000003  3.00T3
------------------------
TOTAL             6.00
CASH              6.00

VAT1 10%          0.09
VAT2 20%          0.33
VAT3 30%          0.69
TL-VAT            1.11
~~~~~~~~~~~~~~~~~~~~~~~~
/    HAVE A NICE DAY   /
/   PLEASE COME AGAIN  /
/                      /
~~~~~~~~~~~~~~~~~~~~~~~~
```

```
************************
*     YOUR RECEIPT     *
*      THANK YOU       *
*                      *
************************
12:00        13-06-2005
MC NO.1234      0000010
CLERK01
     INVOICE
PLU 000000000001  1.00T1
PLU 000000000002  2.00T2
PLU 000000000003  3.00T3
------------------------
DUE               6.00
------------------------
TOTAL             6.00
~~~~~~~~~~~~~~~~~~~~~~~~
/    HAVE A NICE DAY   /
/   PLEASE COME AGAIN  /
/                      /
~~~~~~~~~~~~~~~~~~~~~~~~
```

9-40) TRAINING MODE

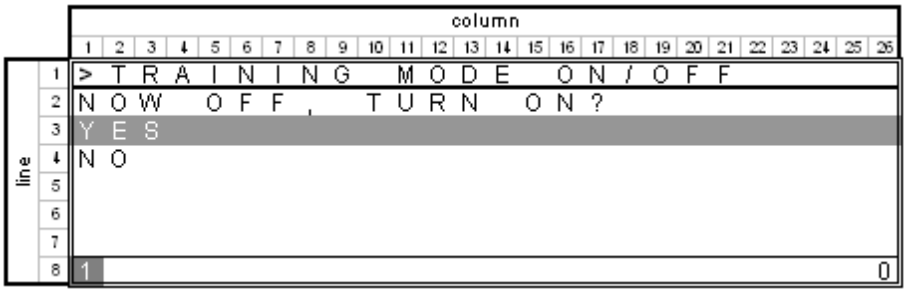
This cash register can be programmed to enable to operate this register under training mode.
Even if transaction data are enterd under training mode, report totalizer and counter would not count up.
Receipt number counter would not count up, either.
X and Z mode are not operative.

In order to enter the training mode, there are three different ways.

(1) If the programmed training clerk will log in, ECR recognizes entering the training mode.
(2) Selecting TRAINING MODE on the programming menu will directly enter the training mode.
(3) If the training mode pass word has been programmed, entering this pass word in REG mode will make ECR be in the training mode.

a) To activate TRAINING MODE:

1. Selecting TRAINING MODE ON/OFF from PROGRAMMING Menu.
   Select YES to activate TRAINING MODE



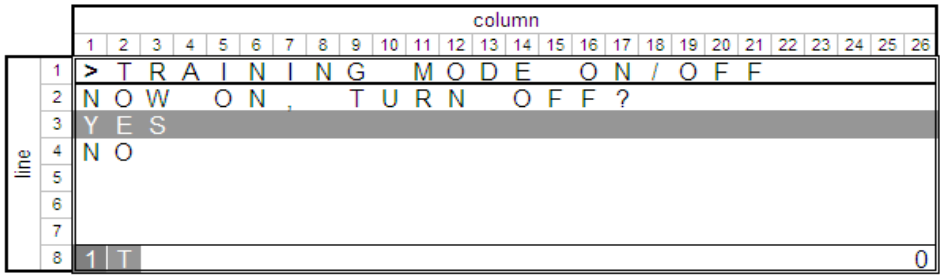
2. Under REG mode, at the first entry the following operation will make ECR enter TRAINING mode.

   (TRAINING MODE PASSWORD) [SUBTOTAL]
   4 digits

b) To quit TRAINING MODE

1. Selecting TRAINING MODE ON/OFF from PROGRAMMING Menu.

Select YES to quit TRAINING MODE from activation of TRAINING MODE..

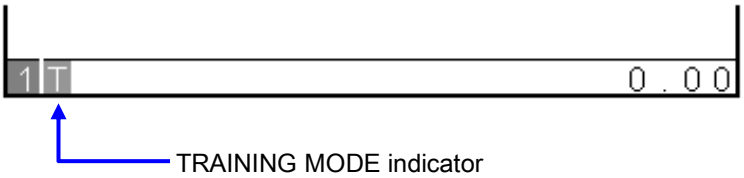


2. Under REG mode, at the first entry the following operation will make ECR quit TRAINING mode.

(TRAINING MODE PASSWORD) [SUBTOTAL]

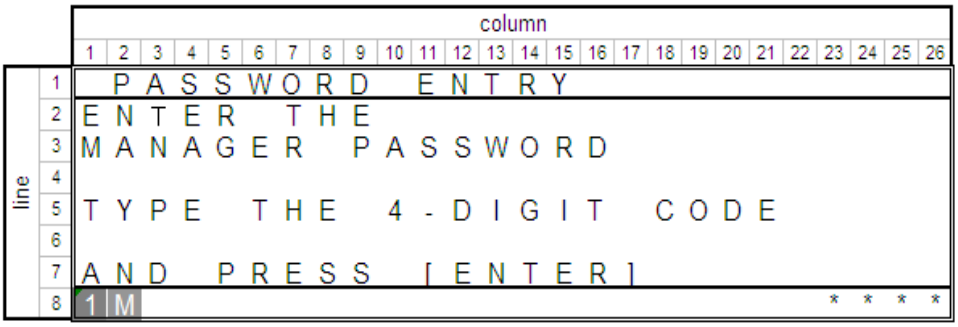
4 digits

Indicator sample:



9-41) MANAGER MODE

When a clerk requires to perform prohibited operations, the clerk not programmed to prohibit can release the prohibition by the turn to MGR MODE, resulting to perform any operations.
If the password of the manager has been programmed, the below screen will come up.



Prohibition headings

* VOID function

* REFUND function

* % negative function

* Coupon function

* PAID OUT function

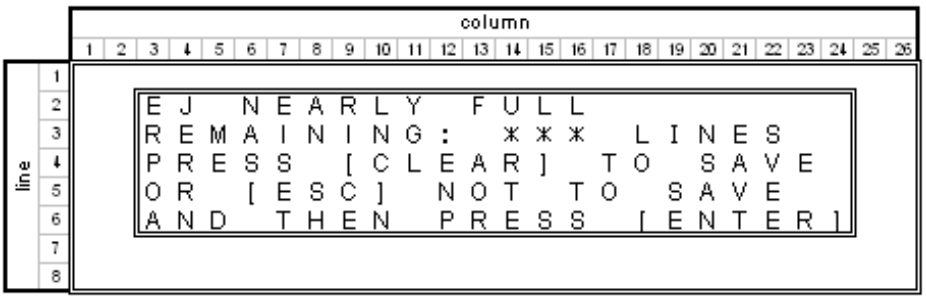
* Negative Department function

* Extra invoice function

9-42) Transaction at the time EJ nearly full and EJ full

EJ nearly full : The number of the remaining lines is after 700.

The following screen will come up if the EJ memory will be shortage at the rest of 700 lines. until the rest of EJ memory is going to be 301 lines.



For example,

[DEPT 1] : display the above screen.

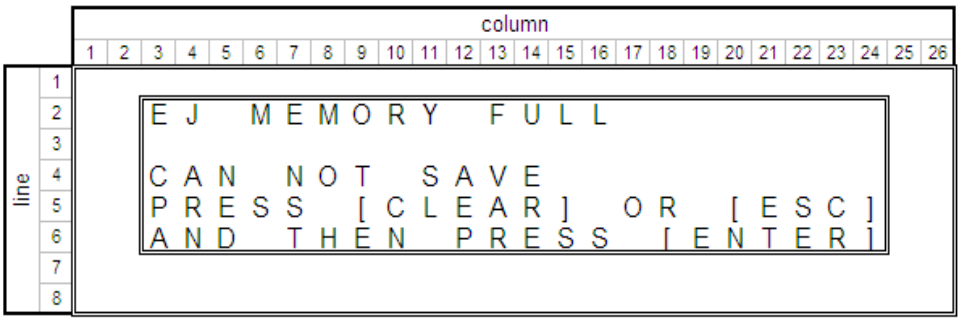
In the case of [CLEAR] key, [DEPT 1] will save in to EJ.

In the case of [ESC] key, [DEPT 1] will not save in to EJ.

[TOTAL] : This should be required to fix [DEPT 1] registration.

EJ full : The number of the remaining lines is after 300.

The following screen will come up if the EJ memory will be below 300 lines.



Under this situation, even depressing [CLEAR] key will not save anything to EJ memory.

Note) Warning beep will be sound by programmble option.

Those are two options. Those options are decided to sound timing.

One is sound at the start of transaction.

It continues sounding until it pushes [CLEAR].

The other is sound at the end of transaction. It sounds for about 1 seconds.

10) MANAGEMENT REPORT NOTES

This section gives instructions for taking reports.

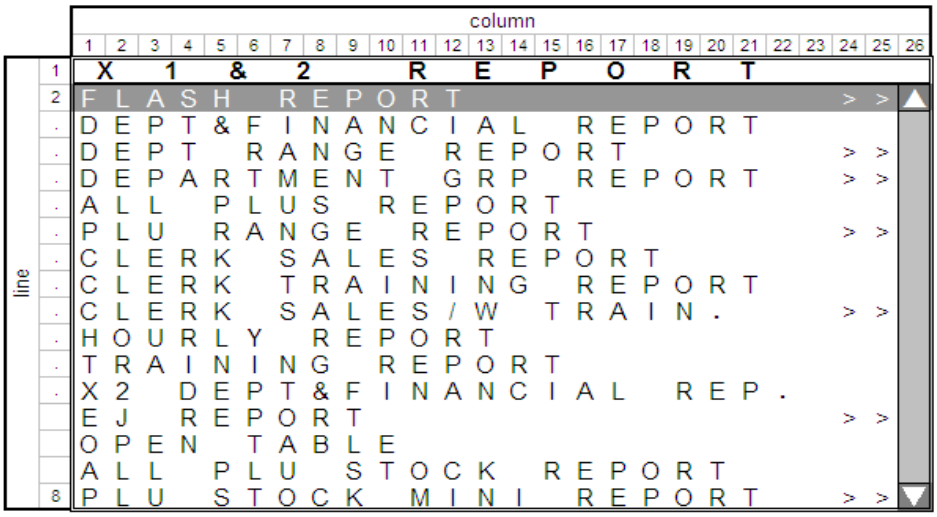
Reports may be taken with selecting **X1 & 2 REPORT MODE** or **Z1 & 2 REPORT MODE**.

X1 & 2 REPORT MODE - Reads financial reports.

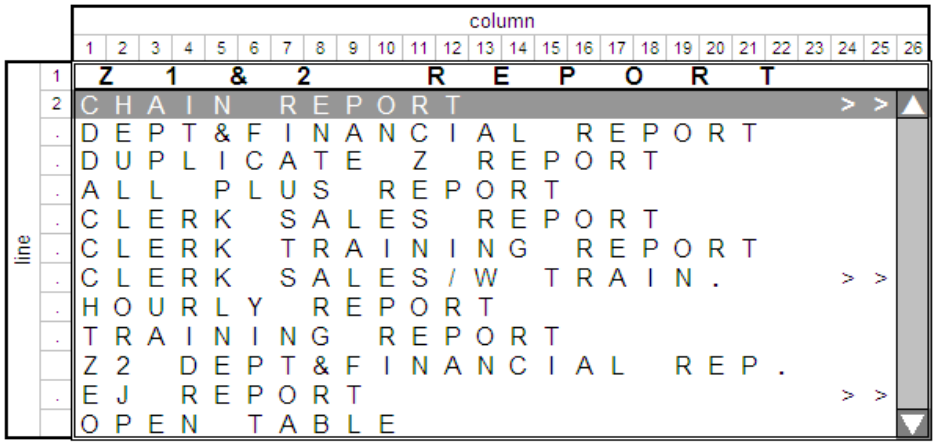
Z1 & 2 REPORT MODE - Reads financial reports, and resets totals to zero.

For example the read-out for the financial report is the same whether taken in both mode, the only difference is that totals are reset to zero after a Z report.

X1 & 2 REPORT MODE menu



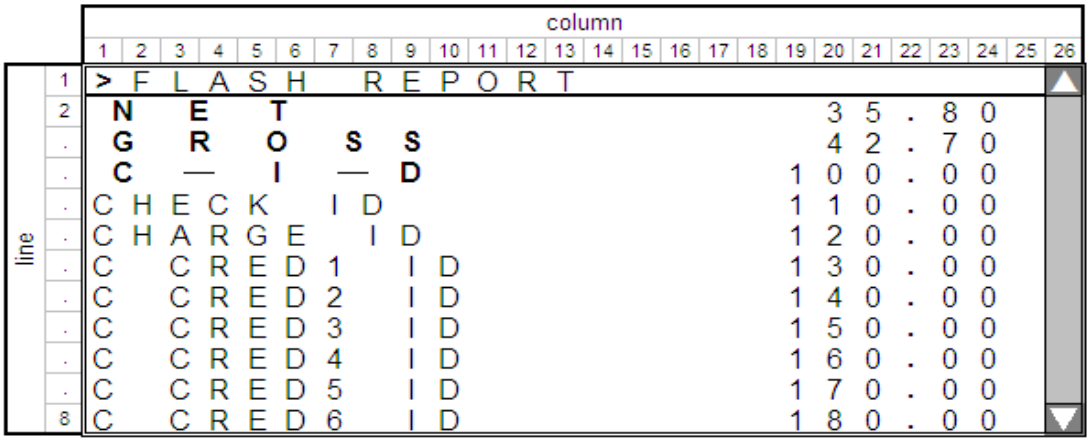
Z1 & 2 REPORT MODE menu



Move the line cousor at what the user want ot execute the repot then depress [ENTER] key to execute. The direct report number (describing the left side on the menu) entry with [ENTER] key will be available to execute, instead.

10-1) FLASH REPORT

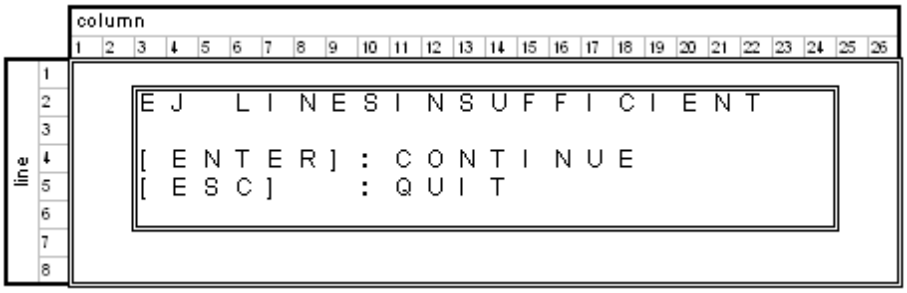
NET, GROSS sales, all of in-drawer totals will be quickly viewed on the screen.
This FLASH report will be available under X mode only.



10-2) Z1 AND X1 DEParTment & FINANCIAL REPORT

The financial report can be taken in the X mode (reads report), or in the Z mode (reads report, and resets totals to zero). After All dept group report is issued, Financial report is issued.
This screen is not necessary and not displayed when EJ is dynamic.

At the time when EJ becomes “nearly full” or “full”, the below message will come up.



Then depressing [ENTER] key can continue to issue the report, and [ESC] will be used to quit.

Financial report

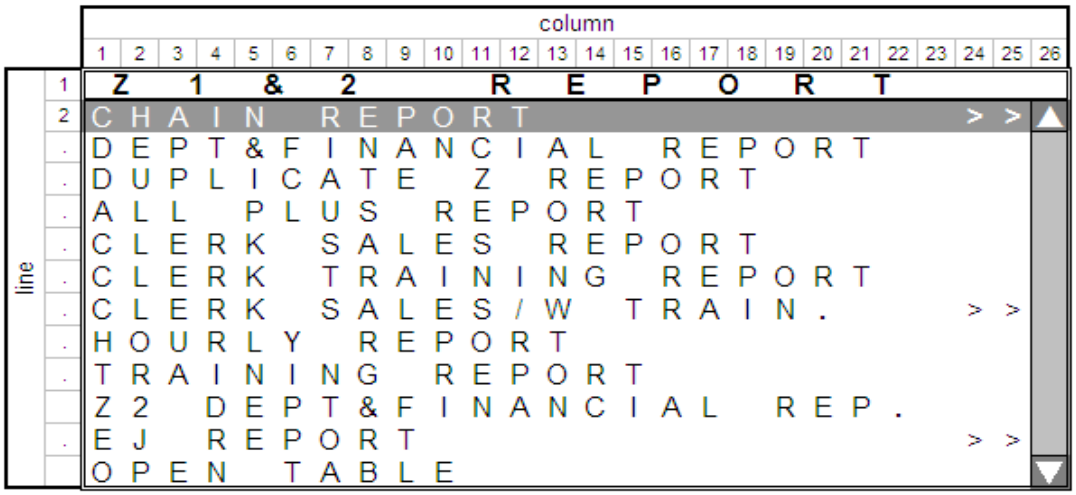
TIME -->	12:00 13-06-2005	--> DATE
MACHINE NUMBER ->	MC NO.12345 0000001	--> CONSECUTIVE NUMBER
	Z1 0001	--> Z1 COUNTER
DEPT 1 CAPTION -->	DEPT 01 4	--> ITEM COUNTER
RATIO % -->	11.17% 4.10T1	--> DEPT 1 SALES TOTAL (TAX 1)
	DEPT 02 6	
	31.61% 11.60T2	--> DEPT 2 SALES TOTAL (TAX 2)
	DEPT 03 3	
	24.52% 9.00T3	--> DEPT 3 SALES TOTAL (TAX 3)
	DEPT 04 3	
	32.7% 12.00T4	--> DEPT 4 SALES TOTAL (TAX 4)
	DEPT 05 XX	
	X.XX% X.XX	--> DEPT 5 SALES TOTAL (NON TAX)
	TOTAL 36.70	--> ALL DEPT TOTAL
	VAT1 10% 0.37	--> TAX 1 AMOUNT TOTAL
	TXBL_O_1 10% 3.73	--> TAXABLE 1 SALES TOTAL WITH OUT TAX
	TXBL_W_1 10% 4.10	--> TAXABLE 1 SALES TOTAL WITH TAX
	VAT2 20% 1.93	
	TXBL_O_2 20% 9.67	
	TXBL_W_2 20% 11.60	
	VAT3 30% 2.07	
	TXBL_O_3 30% 6.93	
	TXBL_W_3 30% 9.00	
	VAT4 40% 3.42	
	TXBL_O_4 40% 8.58	
	TXBL_W_4 40% 12.00	
	NON TAX X.XX	--> NON TAXABLE SALES TOTAL
	TL-VAT 7.79	--> ALL TAX AMOUNT TOTAL
	TXBL_TL_O 28.91	--> ALL TAXABLE SALES TOTAL WITH OUT TAX
	TXBL_TL_W 36.70	--> ALL TAXABLE SALES TOTAL WITH TAX
	TL-COUPON -1.00	--> ITEM +/- TOTAL
	0.00	--> SALES +/- TOTAL
	TL_ADD ON 0.10	--> ITEM +/- TOTAL
	0.00	--> SALES +/- TOTAL
	DISCOUNT -0.25%1	--> ITEM %1 TOTAL
	-0.15%1	--> SALES %1 TOTAL
	TL_ADD ON 0.10%2	--> ITEM %2 TOTAL
	0.00%2	--> SALES %2 TOTAL
	NET 35.80	--> NET SALES TOTAL(BASE CURRNCY)
	REFUND 0001	--> REFUND COUNTER
	-1.00	--> REFUND TOTAL
	TL-VD/CORR -5.00	--> VOID/EC TOTAL
	GROSS 42.70	--> GROSS SALES TOTAL
	ADJUST 0.00	--> ADJUSTMENT TOTAL
	TL-CASH 0006	--> CASH COUNTER
	25.70	--> CASH SALES TOTAL
	TL-CHECK 0001	--> CHECK COUNTER
	4.00	--> CHECK SALES TOTAL
	TL-CHARGE 0001	--> CHARGE COUNTER

		1.00	--> CHARGE SALES TOTAL
	CREDIT1	0001	--> CREDIT 1 COUNTER
		2.00	--> CREDIT 1 SALES TOTAL
	CREDIT2	0001	--> CREDIT 2 COUNTER
		3.00	--> CREDIT 2 SALES TOTAL
	TL-RECD AC	0001	--> RECD ON ACCT COUNTER
		10.00	--> RECD ON ACCT TOTAL
	T-PAID OUT	0001	--> PAID OUT COUNTER
		5.00	--> PAID OUT TOTAL
	TL-NS	0001	--> NO SALE COUNTER
	CANCEL	0001	--> CANCEL COUNTER
	C－I－D	30.70	--> CASH-IN-DRAWER TOTAL
	CHECK ID	4.00	--> CHECK-IN-DRAWER TOTAL
	CHARGE ID	1.00	--> CHARGE-IN-DRAWER TOTAL
	C CRED1 ID	2.00	--> CREDIT 1-IN-DRAWER TOTAL
	C CRED2 ID	3.00	--> CREDIT 2-IN-DRAWER TOTAL
FC1 RATE -->	FC1 2.5	*4.00	--> FC1-IN-DRAWER TOTAL
	OPEN TABLE	0000	--> OPEN TABLE COUNTER
		0.00	--> OPEN TABLE TOTAL
	GUEST#	0000	--> GUEST NUMBER
	GT	30.70*	--> GRAND TOTAL
	GT GROSS	43.00	--> GRAND TOTAL GROSS
	GT RETURN	-12.30	--> GRAND TOTAL RETURN

10-3) DUPLICATE Z REPORT

If a Z-report can not be printed completely interrupted by detecting printer error. For example paper jam or paper run-out.

Selecting “DUPLICATE Z REPORT” will be able to maked a dulplicated report.



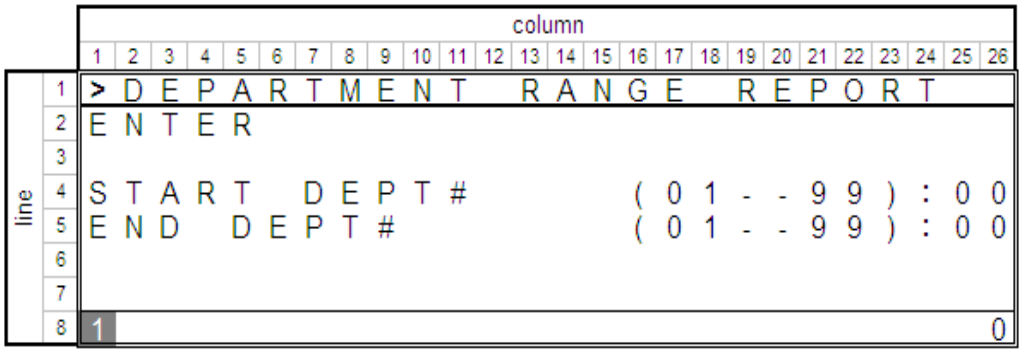
Depressing [ENTER] key will do execution of the Z report and [ESC] key will be used to quit.

10-4) RANGE DEPARTMENT REPORT

Specifing a range from the starting department number to the ending department number will issue such ranged department report. This report is only under X mode.

Below screen guide will be effectively able to lead the user operation.
At the fist screen ECR asks the starting depatment number and after that ECR expects the ending department number.

Entering starting department#



TIME -->	12:00 13-06-2005	--> DATE
MACHINE NUMBER -->	MC NO.12345 0000001	--> CONSECUTIVE NUMBER
DEPT 1 CAPTION -->	DEPT 01 1	--> ITEM COUNTER
RATIO % -->	6.67% 10.00T1	--> DEPT 1 SALES TOTAL (TAX 1)
	DEPT 02 1	
	13.33% 20.00T2	--> DEPT 2 SALES TOTAL (TAX 2)
	DEPT 03 1	
	20% 30.00T3	--> DEPT 3 SALES TOTAL (TAX 3)
	DEPT 04 1	
	26.67% 40.00T4	--> DEPT 4 SALES TOTAL (TAX 4)
	DEPT 05 2	
	33.33% 50.00	--> DEPT 5 SALES TOTAL (NON TAX)
	DEPT TOTAL 150.00	--> DEPT RANGE SALES TOTAL
	TOTAL 150.00	--> ALL DEPT SALES TOTAL

10-5) DEPARTMENT GROUP REPORT

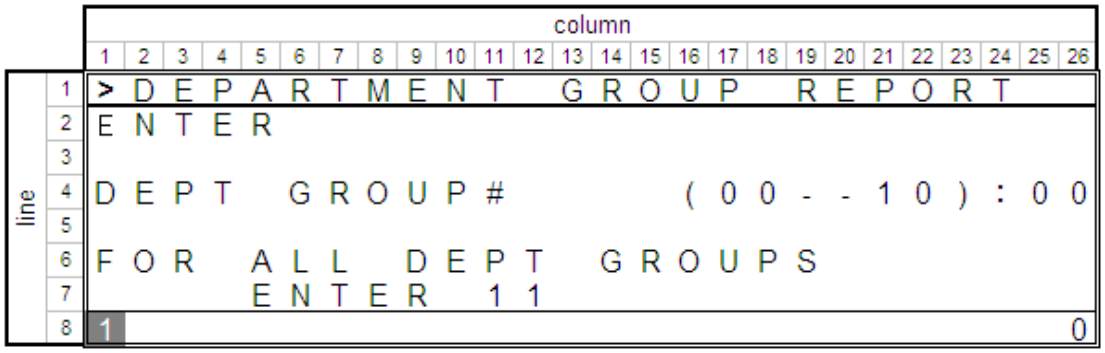
Entering a department group number with [ENTER] key will issue the groupped department report.

This report is only under X mode.

Below screen guide will be effectively able to lead the user operation.

At the fist screen ECR asks the depatment group number from 01 to 10.

If 11 [ENTER] will be operated, all of deparment group will be reported.

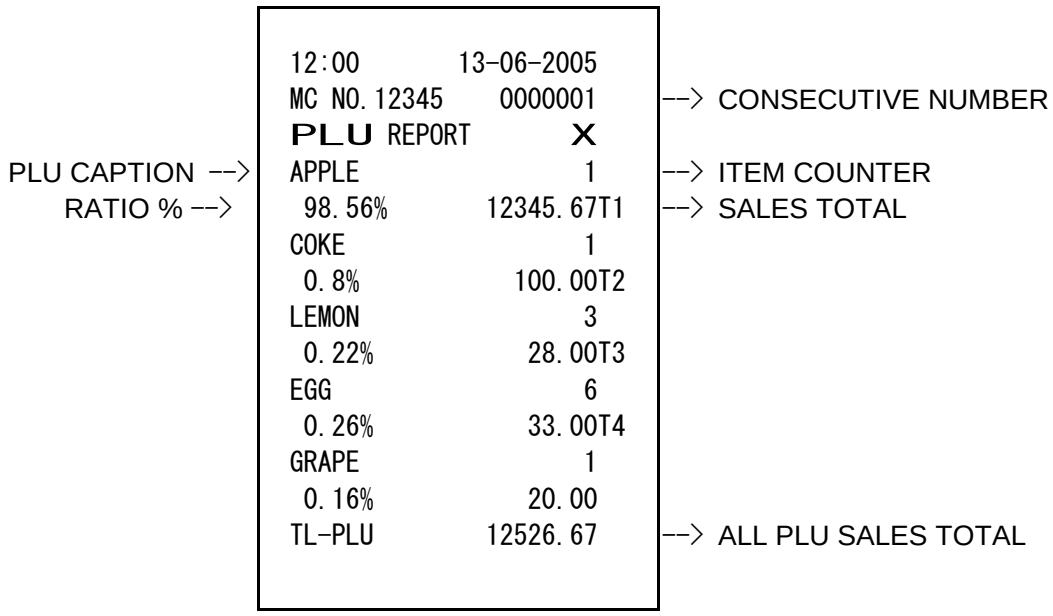


TIME -->	12:00 13-06-2005	--> DATE
MACHINE NUMBER -->	MC NO.12345 0000001	--> CONSECUTIVE NUMBER
DEPT GROUP CAPTION -->	DPT-G 01	
	DEPT 10 2	--> ITEM COUNTER
RATIO % -->	33.33% 50.00	--> DEPT 10 SALES TOTAL (NON TAX)
	DEPT 11 1	
	6.67% 10.00T1	--> DEPT 11 SALES TOTAL (TAX 1)
	DEPT 12 1	
	13.33% 20.00T2	--> DEPT 12 SALES TOTAL (TAX 2)
	DEPT 13 1	
	20% 30.00T3	--> DEPT 13 SALES TOTAL (TAX 3)
	DEPT 14 1	
	26.67% 40.00T4	--> DEPT 14 SALES TOTAL (TAX 4)
	DEPT TOTAL 150.00	--> DEPT GROUP SALES TOTAL
	TOTAL 150.00	--> ALL DEPT SALES TOTAL

10-6) ALL PLU REPORT

X 1&2 REPORT MODE - To reads the PLU sales totals.

Z 1&2 REPORT MODE - To reads the PLU sales totals and reset the PLU totals to zero.



Note) You can stop the issueing of the report by depressing [FEED]key.

In that case, the total of the all PLU sales will not be printed.

When [FEED] key is entered during issueing the report, the report will be escaped.

Then ECR will be printted following line that means to stopping report.

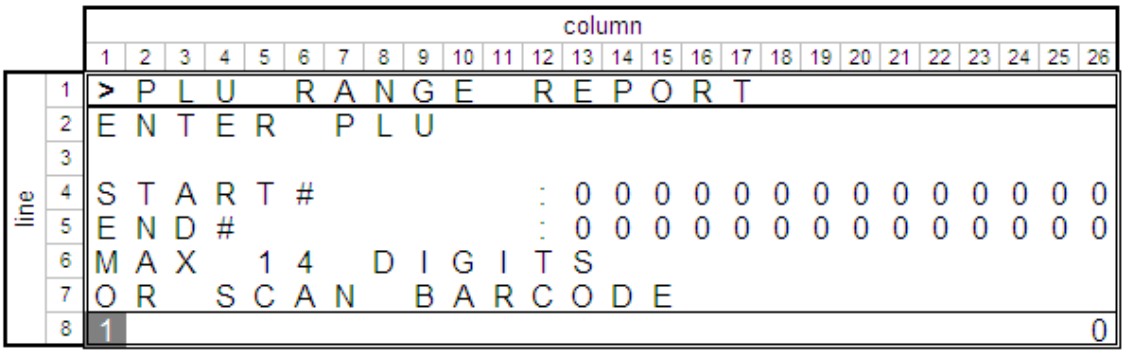
"**********" -------- Stopping message

10-7) RANGE PLU REPORT

Specifing a range from the starting PLU number to the ending PLU number will issue such ranged PLU report. This report is only under X mode.

Below screen guide will be effectively able to lead the user operation.
At the fist screen ECR asks the starting PLU number and after that ECR expects the ending PLU number.

Entering starting PLU#



PLU CAPTION -->

```
12:00          13-06-2005
MC NO.12345      0000001
PLU REPORT             X
APPLE                  1
                12345.67T1
COKE                   1
                  100.00T2
LEMON                  3
                   28.00T3
TL-PLU          12526.67
```

--> ITEM COUNTER
--> SALES TOTAL
--> ALL PLU SALES TOTAL

Note) You can stop the issueing of the report by depressing [FEED]key.
In that case, the total of the all PLU sales will not be printed.
When [FEED] key is entered during issueing the report, the report will be escaped.
Then ECR will be printted following line that means to stopping report.

"**********" -------- Stopping message

10-8) CLERK REPORT

10-8-1) ALL normal clerk report (Only normal sales, Without training sales)

X 1 & 2 REPOT MODE - To reads the clerk report.

Z 1 & 2 REPOT MODE - To reads the clerk report and reset the totals to zero.

```
                  12:00        13-06-2005
                  MC NO.12345     0000001
                  CLERK REPORT         X
                  ----------------------
CLERK NAME -->    JHONE
                  TOTAL          36.70    --> ALL DEPT TOTAL
                  VAT1 10%        0.37    --> TAX 1 AMOUNT TOTAL
                  TXBL_O_1 10%    3.73    --> TAXABLE 1 SALES TOTAL WITH OUT TAX
                  TXBL_W_1 10%    4.10    --> TAXABLE 1 SALES TOTAL WITH TAX
                  VAT2 20%        1.93
                  TXBL_O_2 20%    9.67
                  TXBL_W_2 20%   11.60
                  VAT3 30%        2.07
                  TXBL_O_3 30%    6.93
                  TXBL_W_3 30%    9.00
                  VAT4 40%        3.42
                  TXBL_O_4 40%    8.58
                  TXBL_W_4 40%   12.00
                  NON TAX         5.00    --> NON TAXABLE SALES TOTAL
                  TL-VAT          7.79    --> ALL TAX AMOUNT TOTAL
                  TXBL_TL_O      28.91    --> ALL TAXABLE SALES TOTAL WITH OUT TAX
                  TXBL_TL_W      36.70    --> ALL TAXABLE SALES TOTAL WITH TAX
                  TL-COUPON      -1.00    --> ITEM +/- TOTAL
                                  0.00    --> SALES +/- TOTAL
                  TL_ADD ON       0.10    --> ITEM +/- TOTAL
                                  0.00    --> SALES +/- TOTAL
                  DISCOUNT       -0.25%1  --> ITEM %1 TOTAL
                                 -0.15%1  --> SALES %1 TOTAL
                  TL_ADD ON       0.10%2  --> ITEM %2 TOTAL
                                  0.00%2  --> SALES %2 TOTAL
                  NET            35.80    --> NET SALES TOTAL(BASE CURRNCY)
                  REFUND         -0001    --> REFUND COUNTER
                                 -1.00    --> REFUND TOTAL
                  TL-VD/CORR     -5.00    --> VOID/EC TOTAL
                  GROSS          42.70    --> GROSS SALES TOTAL
                  ADJUST          0.00    --> ADJUSTMENT TOTAL
                  TL-CASH         0006    --> CASH COUNTER
                                 25.70    --> CASH SALES TOTAL
                  TL-CHECK        0001    --> CHECK COUNTER
                                  4.00    --> CHECK SALES TOTAL
```

	TL-CHARGE	0001	--> CHARGE COUNTER
		1.00	--> CHARGE SALES TOTAL
	CREDIT1	0001	--> CREDIT 1 COUNTER
		2.00	--> CREDIT 1 SALES TOTAL
	CREDIT2	0001	--> CREDIT 2 COUNTER
		3.00	--> CREDIT 2 SALES TOTAL
	TL-RECD AC	0001	--> RECD ON ACCT COUNTER
		10.00	--> RECD ON ACCT TOTAL
	T-PAID OUT	0001	--> PAID OUT COUNTER
		5.00	--> PAID OUT TOTAL
	TL-NS	0001	--> NO SALE COUNTER
	CANCEL	0001	--> CANCEL COUNTER
	C－I－D	30.70	--> CASH-IN-DRAWER TOTAL
	CHECK ID	4.00	--> CHECK-IN-DRAWER TOTAL
	CHARGE ID	1.00	--> CHARGE-IN-DRAWER TOTAL
	C CRED1 ID	2.00	--> CREDIT 1-IN-DRAWER TOTAL
	C CRED2 ID	3.00	--> CREDIT 2-IN-DRAWER TOTAL
FC 1 RATE -->	FC1 2.5	*4.00	--> FC 1-IN-DRAWER TOTAL
	OPEN TABLE	0000	--> OPEN TABLE COUNTER
		0.00	--> OPEN TABLE TOTAL
	GUEST#	0000	--> GUEST NUMBER
	GT	35.80*	--> GRAND TOTAL
	GT GROSS	35.80	--> GRAND TOTAL GROSS
	GT RETURN	0.00	--> GRAND TOTAL RETURN

CLERK NAME -->	MIKE		
	TOTAL	15.00	
	VAT1 10%	0.18	
	TXBL_O_1 10%	1.82	
	TXBL_W_1 10%	2.00	
	VAT2 20%	0.66	
	TXBL_O_2 20%	3.34	
	TXBL_W_2 20%	4.00	

Note) You can stop the issueing of the report by depressing [FEED]key.

When [FEED] key is entered during issueing the report, the report will be escaped.

Then ECR will be printted following line that means to stopping report.

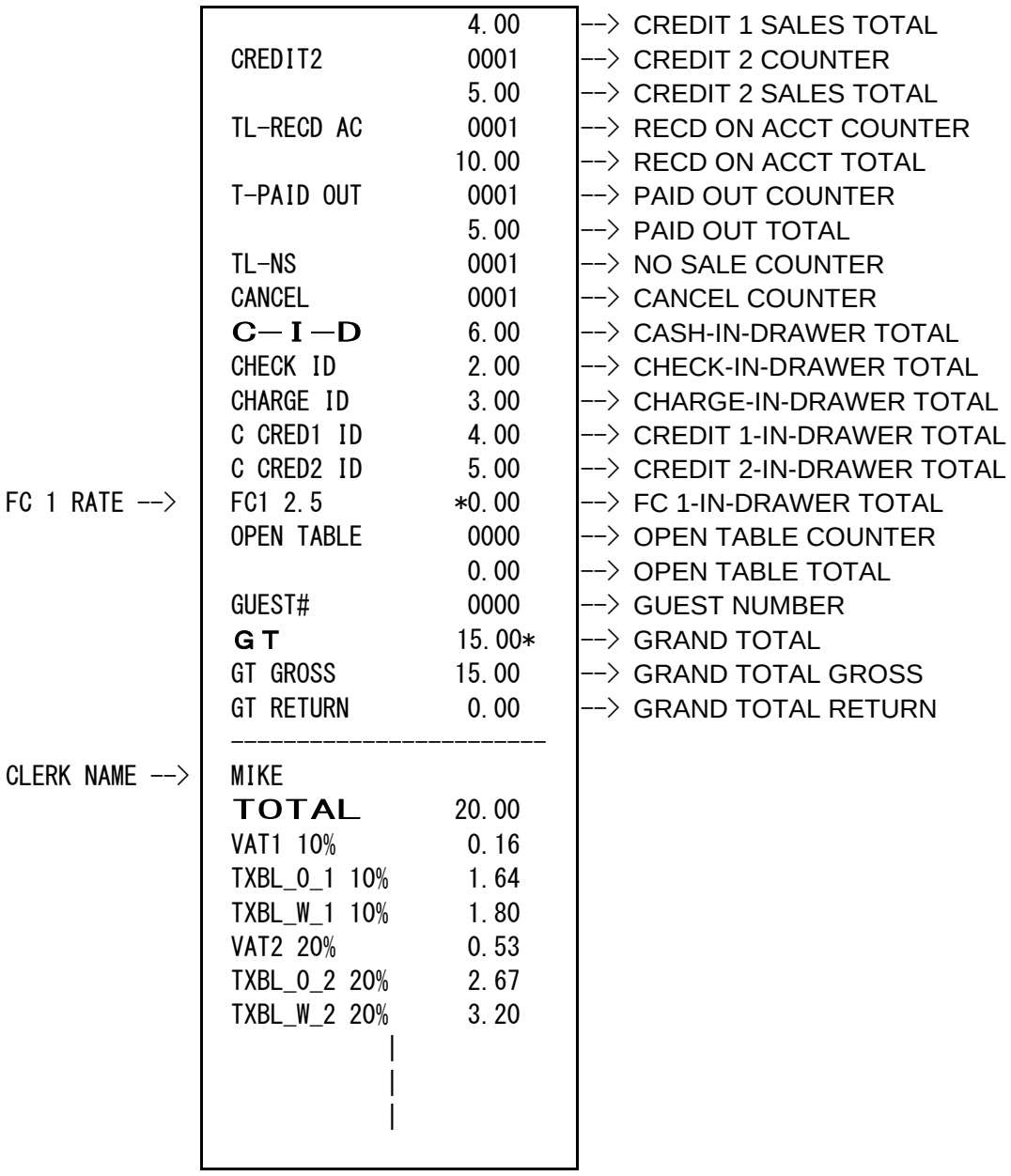
“**********” -------- Stopping message

10-8-2) All training clerk report (Only training sales, Without normal sales)

X 1 & 2 REPORT MODE - To reads the clerk report.

Z 1 & 2 REPORT MODE - To reads the clerk report and reset the totals to zero.

```
                  12:00        13-06-2005
                  MC NO.12345     0000001
                  CLERK REPORT       XO
                  ----------------------
CLERK NAME -->    JHONE
                  TOTAL           15.00     --> ALL DEPT TOTAL
                  VAT1 10%         0.09     --> TAX 1 AMOUNT TOTAL
                  TXBL_O_1 10%     0.91     --> TAXABLE 1 SALES TOTAL WITH OUT TAX
                  TXBL_W_1 10%     1.00     --> TAXABLE 1 SALES TOTAL WITH TAX
                  VAT2 20%         0.33
                  TXBL_O_2 20%     1.67
                  TXBL_W_2 20%     2.00
                  VAT3 30%         0.69
                  TXBL_O_3 30%     2.31
                  TXBL_W_3 30%     3.00
                  VAT4 40%         1.14
                  TXBL_O_4 40%     2.86
                  TXBL_W_4 40%     4.00
                  NON TAX          5.00     --> NON TAXABLE SALES TOTAL
                  TL-VAT           2.25     --> ALL TAX AMOUNT TOTAL
                  TXBL_TL_O        7.75     --> ALL TAXABLE SALES TOTAL WITH OUT TAX
                  TXBL_TL_W       15.00     --> ALL TAXABLE SALES TOTAL WITH TAX
                  TL-COUPON       -0.00     --> ITEM +/- TOTAL
                                   0.00     --> SALES +/- TOTAL
                  TL_ADD ON        0.00     --> ITEM +/- TOTAL
                                   0.00     --> SALES +/- TOTAL
                  DISCOUNT        -0.00%1   --> ITEM %1 TOTAL
                                   0.00%1   --> SALES %1 TOTAL
                  TL_ADD ON        0.00%2   --> ITEM %2 TOTAL
                                   0.00%2   --> SALES %2 TOTAL
                  NET             15.00     --> NET SALES TOTAL(BASE CURRNCY)
                  REFUND          -0001     --> REFUND COUNTER
                                  -0.00     --> REFUND TOTAL
                  TL-VD/CORR      -0.00     --> VOID/EC TOTAL
                  GROSS           15.00     --> GROSS SALES TOTAL
                  ADJUST           0.00     --> ADJUSTMENT TOTAL
                  TL-CASH          0001     --> CASH COUNTER
                                   1.00     --> CASH SALES TOTAL
                  TL-CHECK         0001     --> CHECK COUNTER
                                   2.00     --> CHECK SALES TOTAL
                  TL-CHARGE        0001     --> CHARGE COUNTER
                                   3.00     --> CHARGE SALES TOTAL
                  CREDIT1          0001     --> CREDIT 1 COUNTER
```



Note) You can stop the issueing of the report by depressing [FEED]key.

When [FEED] key is entered during issueing the report, the report will be escaped.

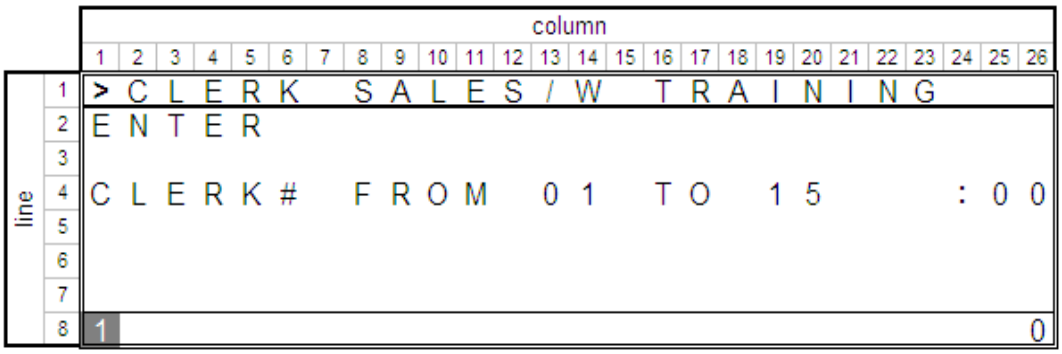
Then ECR will be printted following line that means to stopping report.

"**********" -------- Stopping message

10-8-3) Clerk report (Normal sales + Training sales)

X 1 & 2 REPORT MODE - To reads the clerk report.

Z 1 & 2 REPORT MODE - To reads the clerk report and reset the totals to zero.



CLERK NAME -->

```
12:00          13-06-2005
MC NO.12345      0000001
CLERK REPORT            X
JHONE
TOTAL                36.70
VAT1 10%              0.37
TXBL_O_1 10%          3.73
TXBL_W_1 10%          4.10
VAT2 20%              1.93
TXBL_O_2 20%          9.67
TXBL_W_2 20%         11.60
VAT3 30%              2.07
TXBL_O_3 30%          6.93
TXBL_W_3 30%          9.00
VAT4 40%              3.42
TXBL_O_4 40%          8.58
TXBL_W_4 40%         12.00
NON TAX               X.XX
TL-VAT                7.79
TXBL_TL_O            28.91
TXBL_TL_W            36.70
TL-COUPON            -1.00
                     -0.00
TL-ADD ON             0.10
                      0.00
DISCOUNT             -0.25%1
                     -0.15%1
TL-ADD ON             0.10%2
                      0.00%2
NET                  35.80
REFUND               -0001
                     -1.00
```

--> Normal clerk report

	TL-VD/CORR	-5.00	
	GROSS	42.70	
	ADJUST	0.00	
	TL-CASH	0006	
		25.70	
	TL-CHECK	0001	
		4.00	
	TL-CHARGE	0001	
		1.00	
	CREDIT1	0001	
		2.00	
	CREDIT2	0001	
		3.00	
	TL-RECD AC	0001	
		10.00	
	T-PAID OUT	0001	
		5.00	
	TL-NS	0001	
	CANCEL	0001	
	C－I－D	30.70	
	CHECK ID	4.00	
	CHARGE ID	1.00	
	C CRED1 ID	2.00	
	C CRED2 ID	3.00	
FC 1 RATE -->	FC1 2.5	*4.00	
	OPEN TABLE	0000	
		0.00	
	GUEST#	0000	
	GT	35.80*	
	GT GROSS	15.00	
	GT RETURN	0.00	
	CLERK REPORT	**XO**	--> Training clerk report
	TOTAL	15.00	
	VAT1 10%	0.09	
	TXBL_O_1 10%	0.91	
	TXBL_W_1 10%	1.00	
	VAT2 20%	0.33	
	TXBL_O_2 20%	1.67	
	TXBL_W_2 20%	2.00	
		|	
		|	
		|	

Note) You can stop the issueing of the report by depressing [FEED]key.

When [FEED] key is entered during issueing the report, the report will be escaped.

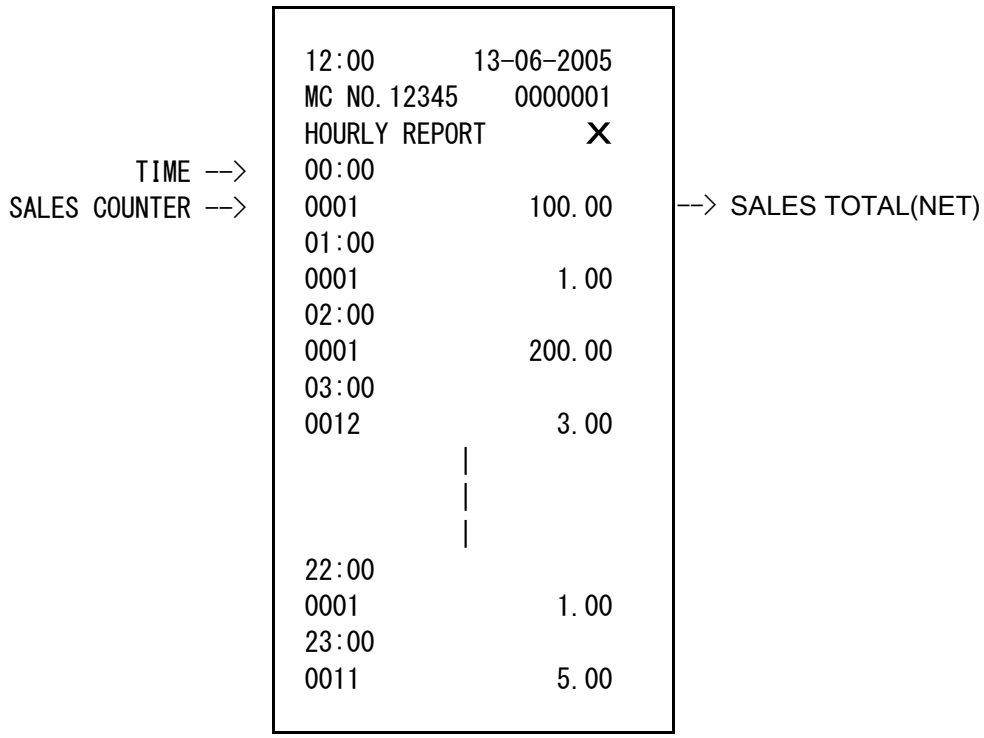
Then ECR will be printted following line that means to stopping report.

"**********" -------- Stopping message

10-9) HOURLY REPORT

X 1 & 2 REPORT MODE - To reads the HOURLY report.

Z 1 & 2 REPORT MODE - To reads the HOURLY report and reset the totals to zero.



10-10) TRAINING REPORT

X 1 & 2 REPORT MODE - To reads the time report.

Z 1 & 2 REPORT MODE - To reads the time report and reset the totals to zero.

TIME -->	12:00 13-06-2005	--> DATE
MACHINE NUMBER-->	MC NO.12345 0000001	--> CONSECUTIVE NUMBER
	ZO 0001	--> Z1 COUNTER
DEPT 1 CAPTION -->	DEPT 01 4	--> ITEM COUNTER
RATIO %-->	11.17% 4.10T1	--> DEPT 1 SALES TOTAL (TAX 1)
	DEPT 02 6	
	31.61% 11.60T2	--> DEPT 2 SALES TOTAL (TAX 2)
	DEPT 03 3	
	24.52% 9.00T3	--> DEPT 3 SALES TOTAL (TAX 3)
	DEPT 04 3	
	32.7% 12.00T4	--> DEPT 4 SALES TOTAL (TAX 4)
	DEPT 05 XX	
	X.XX% X.XX	--> DEPT 5 SALES TOTAL (NON TAX)
	TOTAL 36.70	--> ALL DEPT TOTAL
	VAT1 10% 0.37	--> TAX 1 AMOUNT TOTAL
	TXBL_O_1 10% 3.73	--> TAXABLE 1 SALES TOTAL WITH OUT TAX
	TXBL_W_1 10% 4.10	--> TAXABLE 1 SALES TOTAL WITH TAX
	VAT2 20% 1.93	
	TXBL_O_2 20% 9.67	
	TXBL_W_2 20% 11.60	
	VAT3 30% 2.07	
	TXBL_O_3 30% 6.93	
	TXBL_W_3 30% 9.00	
	VAT4 40% 3.42	
	TXBL_O_4 40% 8.58	
	TXBL_W_4 40% 12.00	
	NON TAX X.XX	--> NON TAXABLE SALES TOTAL
	TL-VAT 7.79	--> ALL TAX AMOUNT TOTAL
	TXBL_TL_O 28.91	--> ALL TAXABLE SALES TOTAL WITH OUT TAX
	TXBL_TL_W 36.70	--> ALL TAXABLE SALES TOTAL WITH TAX
	TL-COUPON -1.00	--> ITEM +/- TOTAL
	-0.00	--> SALES +/- TOTAL
	TL_ADD ON 0.10	--> ITEM +/- TOTAL
	0.00	--> SALES +/- TOTAL
	DISCOUNT -0.25%1	--> ITEM %1 TOTAL
	-0.15%1	--> SALES %1 TOTAL
	ADD ON 0.10%2	--> ITEM %2 TOTAL
	0.00%2	--> SALES %2 TOTAL
	NET 35.80	--> NET SALES TOTAL(BASE CURRNCY)
	REFUND -0001	--> REFUND COUNTER
	-1.00	--> REFUND TOTAL
	TL-VD/CORR -5.00	--> VOID/EC TOTAL
	GROSS 42.70	--> GROSS SALES TOTAL

	ADJUST	0.00	--> ADJUSTMENT TOTAL
	TL-CASH	0006	--> CASH COUNTER
		25.70	--> CASH SALES TOTAL
	TL-CHECK	0001	--> CHECK COUNTER
		4.00	--> CHECK SALES TOTAL
	TL-CHARGE	0001	--> CHARGE COUNTER
		1.00	--> CHARGE SALES TOTAL
	CREDIT1	0001	--> CREDIT1 COUNTER
		2.00	--> CREDIT1 SALES TOTAL
	CREDIT2	0001	--> CREDIT2 COUNTER
		3.00	--> CREDIT2 SALES TOTAL
	TL-RECD AC	0001	--> RECD ON ACCT COUNTER
		10.00	--> RECD ON ACCT TOTAL
	TL-PAID OUT	0001	--> PAID OUT COUNTER
		5.00	--> PAID OUT TOTAL
	TL-NS	0001	--> NO SALE COUNTER
	CANCEL	0001	--> CANCEL COUNTER
	C－I－D	30.70	--> CASH-IN-DRAWER TOTAL
	CHECK ID	4.00	--> CHECK-IN-DRAWER TOTAL
	CHARGE ID	1.00	--> CHARGE-IN-DRAWER TOTAL
	C CRED1 ID	2.00	--> CREDIT 1-IN-DRAWER TOTAL
	C CRED2 ID	3.00	--> CREDIT 2-IN-DRAWER TOTAL
FC 1 RATE -->	FC1 2.5	*4.00	--> FC1-IN-DRAWER TOTAL
	OPEN TABLE	0000	--> OPEN TABLE COUNTER
		0.00	--> OPEN TABLE TOTAL
	GUEST#	0000	--> GUEST NUMBER
	GT	35.80*	--> GRAND TOTAL
	GT GROSS	35.00	--> GRAND TOTAL GROSS
	GT RETURN	0.00	--> GRAND TOTAL RETURN

10-11) Z2 AND X2 REPORT

X 1 & 2 REPORT MODE - To read Period-to Date Financial Report.

Z 1 & 2 REPORT MODE - To read Period-to Date Financial Report and reset totals to zero.

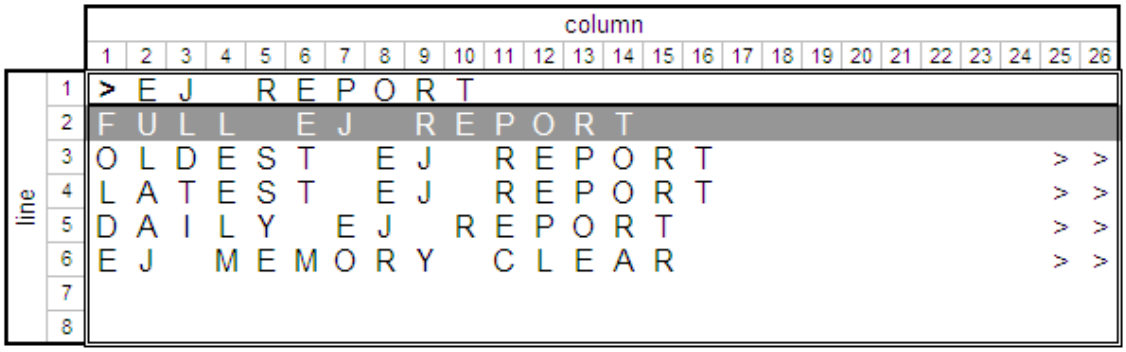
TIME -->	12:00	13-06-2005	--> DATE
MACHINE NUMBER -->	MC NO.12345	0000001	--> CONSECUTIVE NUMBER
	Z2	0001	--> Z1 COUNTER
DEPT 1 CAPTION -->	DEPT 01	4	--> ITEM COUNTER
RATIO % -->	11.17%	4.10T1	--> DEPT 1 SALES TOTAL (TAX 1)
	DEPT 02	6	
	31.61%	11.60T2	--> DEPT 2 SALES TOTAL (TAX 2)
	DEPT 03	3	
	24.52%	9.00T3	--> DEPT 3 SALES TOTAL (TAX 3)
	DEPT 04	3	
	32.7%	12.00T4	--> DEPT 4 SALES TOTAL (TAX 4)
	DEPT 05	XX	
	X.XX%	X.XX	--> DEPT 5 SALES TOTAL (NON TAX)
	TOTAL	36.70	--> ALL DEPT TOTAL
	VAT1 10%	0.37	--> TAX 1 AMOUNT TOTAL
	TXBL_O_1 10%	3.73	--> TAXABLE 1 SALES TOTAL WITH OUT TAX
	TXBL_W_1 10%	4.10	--> TAXABLE 1 SALES TOTAL WITH TAX
	VAT2 20%	1.93	
	TXBL_O_2 20%	9.67	
	TXBL_W_2 20%	11.60	
	VAT3 30%	2.07	
	TXBL_O_3 30%	6.93	
	TXBL_W_3 30%	9.00	
	VAT4 40%	3.42	
	TXBL_O_4 40%	8.58	
	TXBL_W_4 40%	12.00	
	NON TAX	X.XX	--> NON TAXABLE SALES TOTAL
	TL-VAT	7.79	--> ALL TAX AMOUNT TOTAL
	TXBL_TL_O	28.91	--> ALL TAXABLE SALES TOTAL WITH OUT TAX
	TXBL_TL_W	36.70	--> ALL TAXABLE SALES TOTAL WITH TAX
	TL-COUPON	-1.00	--> ITEM +/- TOTAL
		-0.00	--> SALES +/- TOTAL
	TL-ADD ON	1.00	--> ITEM +/- TOTAL
		0.00	--> SALES +/- TOTAL
	DISCOUNT	-0.25%1	--> ITEM %1 TOTAL
		-0.15%1	--> SALES %1 TOTAL
	ADD ON	0.10%2	--> ITEM %2 TOTAL
		0.00%2	--> SALES %2 TOTAL
	NET	35.80	--> NET SALES TOTAL(BASE CURRNCY)
	REFUND	-0001	--> REFUND COUNTER
		-1.00	--> REFUND TOTAL
	TL-VD/CORR	-5.00	--> VOID/EC TOTAL
	GROSS	42.70	--> GROSS SALES TOTAL
	ADJUST	0.00	--> ADJUSTMENT TOTAL

	TL-CASH	0006	--> CASH COUNTER
		25.70	--> CASH SALES TOTAL
	TL-CHECK	0001	--> CHECK COUNTER
		4.00	--> CHECK SALES TOTAL
	TL-CHARGE	0001	--> CHARGE COUNTER
		1.00	--> CHARGE SALES TOTAL
	CREDIT1	0001	--> CREDIT1 COUNTER
		2.00	--> CREDIT1 SALES TOTAL
	CREDIT2	0001	--> CREDIT2 COUNTER
		3.00	--> CREDIT2 SALES TOTAL
	TL-RECD AC	0001	--> RECD ON ACCT COUNTER
		10.00	--> RECD ON ACCT TOTAL
	T-PAID OUT	0001	--> PAID OUT COUNTER
		5.00	--> PAID OUT TOTAL
	TL-NS	0001	--> NO SALE COUNTER
	CANCEL	0001	--> CANCEL COUNTER
	C－I－D	30.70	--> CASH-IN-DRAWER TOTAL
	CHECK ID	4.00	--> CHECK-IN-DRAWER TOTAL
	CHARGE ID	1.00	--> CHARGE-IN-DRAWER TOTAL
	C CRED1 ID	2.00	--> CREDIT1-IN-DRAWER TOTAL
	C CRED2 ID	3.00	--> CREDIT2-IN-DRAWER TOTAL
FC 1 RATE -->	FC1 2.5	*4.00	--> FC1-IN-DRAWER TOTAL
	OPEN TABLE	0000	--> OPEN TABLE COUNTER
		0.00	--> OPEN TABLE TOTAL
	GUEST#	0000	--> GUEST NUMBER
	GT	35.80*	--> GRAND TOTAL
	GT GROSS	43.00	--> GRAND TOTAL GROSS
	GT RETURN	-12.30	--> GRAND TOTAL RETURN

10-12) ELECTRIC JOURNAL REPORT

This ECR has some kinds of report for EJ.

Those reports have following common functions and selecting the required report on the below screen menu will execut to issue the EJ repot.



a) Pause function during issueing report

When [CLEAR] key is entered during issueing the report, the report will be stopped.

Then ECR will wait for entering some key input.

One is [CLEAR] key entering again. It means to continued report.

The other is [ESC] key entering. It means to escaped report.

This function is useful for avoinding to empty paper.

b) Escape function during issueing report

When [ESC] key is entered during issueing the report, the report will be escaped.

Then ECR will be printted following line that means to stopping report.

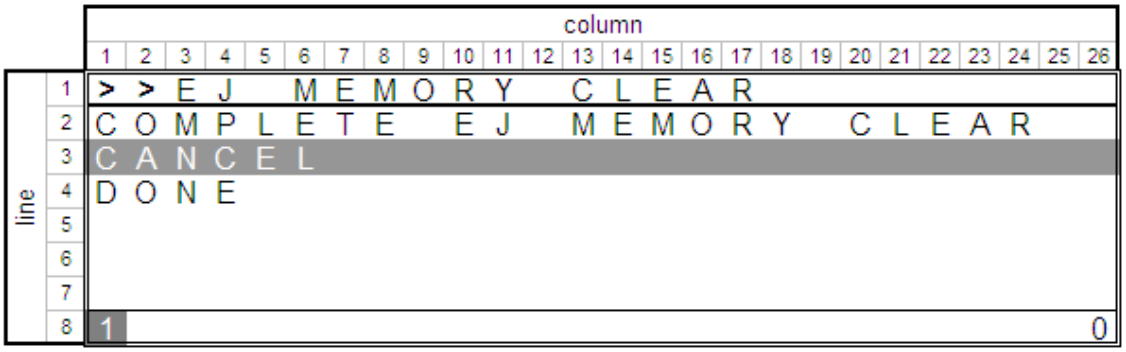
“**********” -------- Stopping message

c) Confirmation function for clearing EJ memory

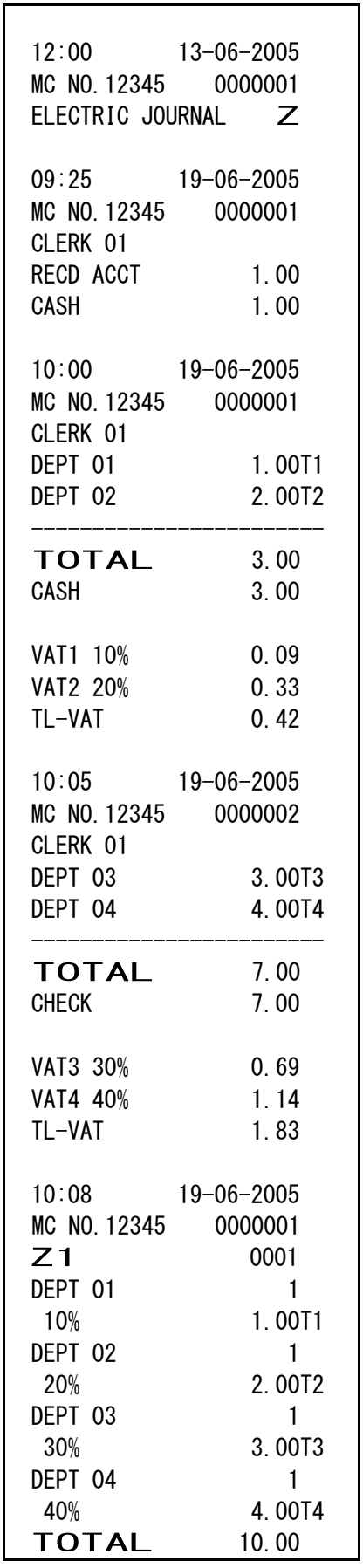
When the report issueing is finished in Z mode, ECR will display the below screen.

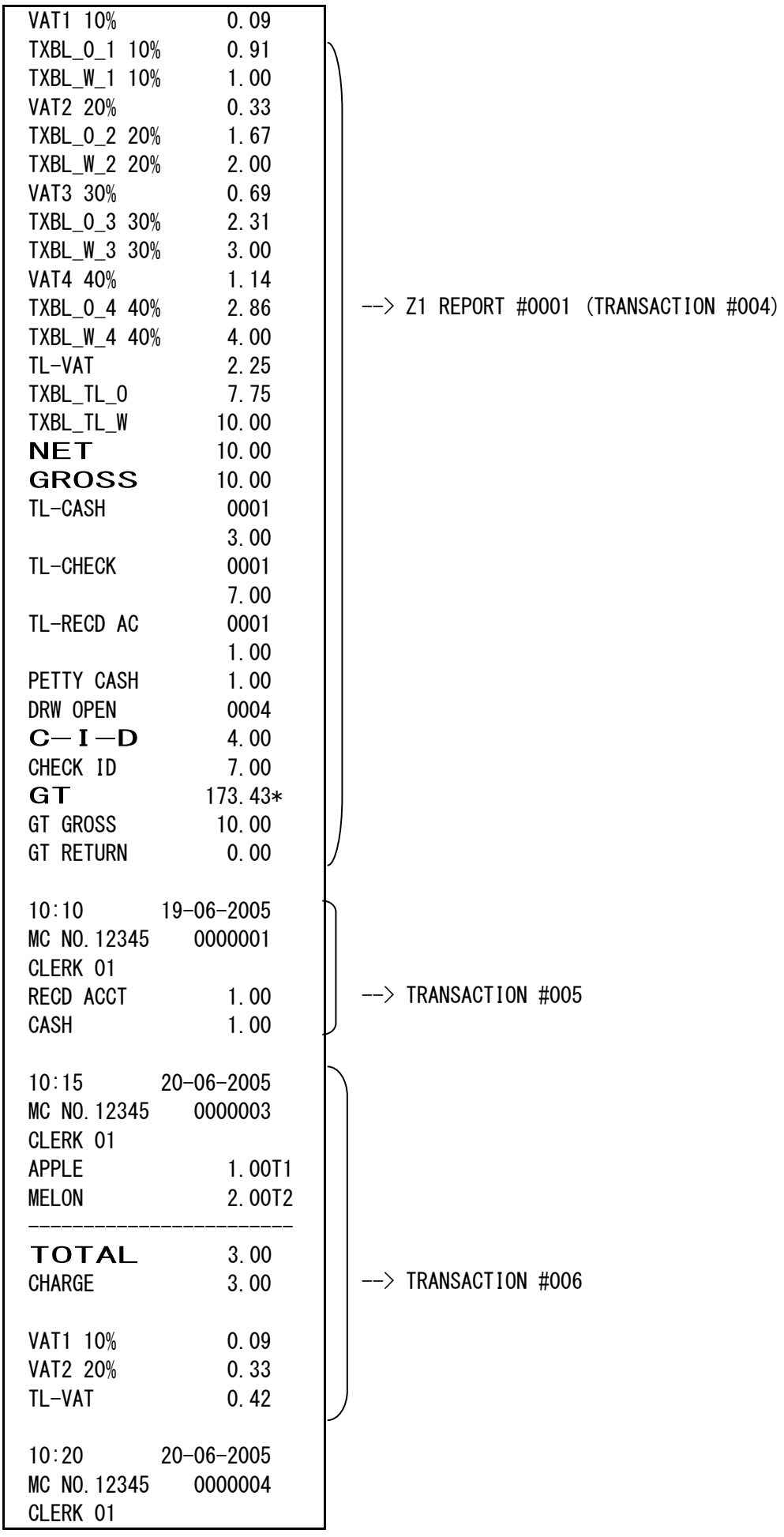
Then in the case of selecting CANCEL, it means to cancel EJ memory and restore its data.

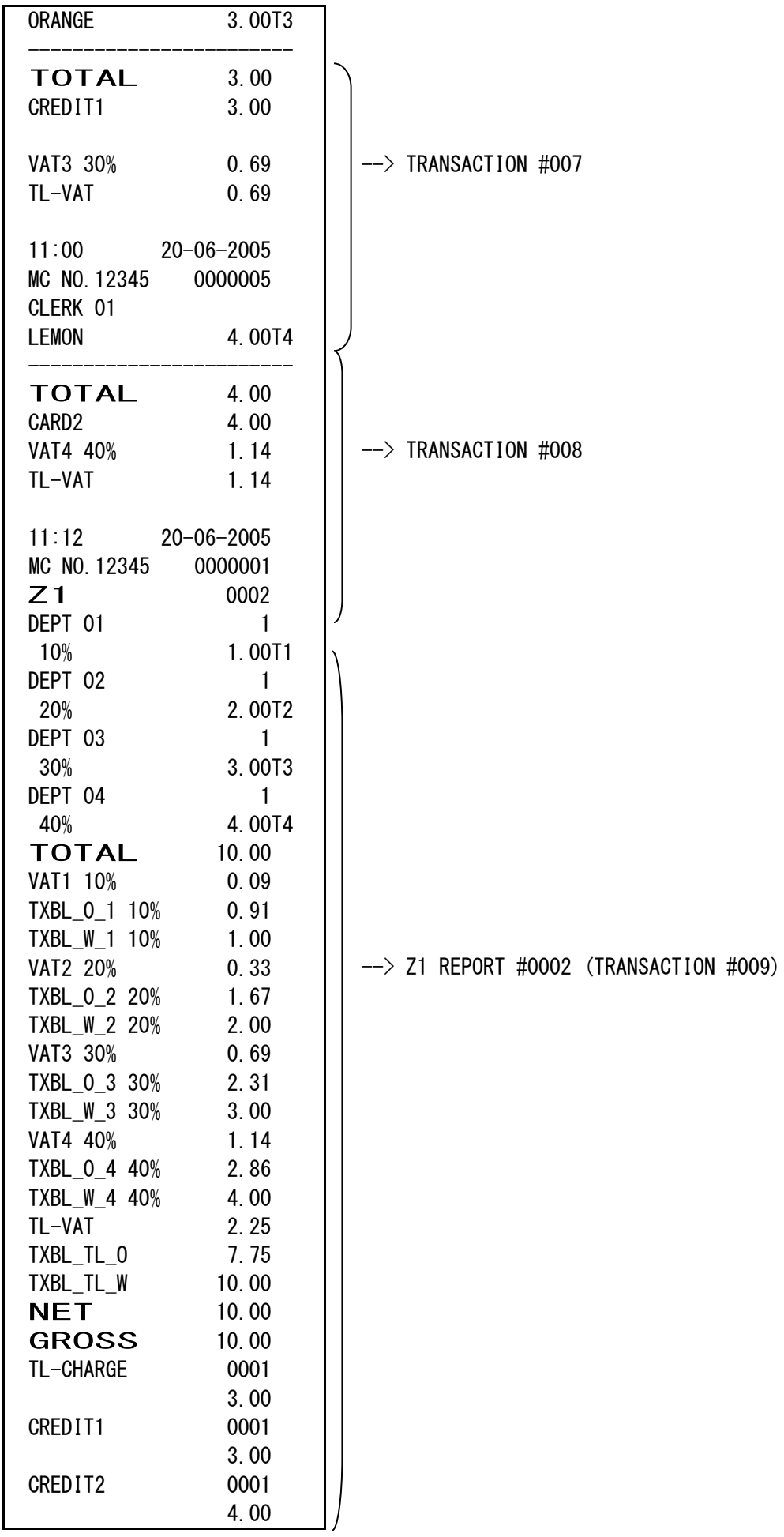
Selecting DONE execute clear EJ memory in fact.

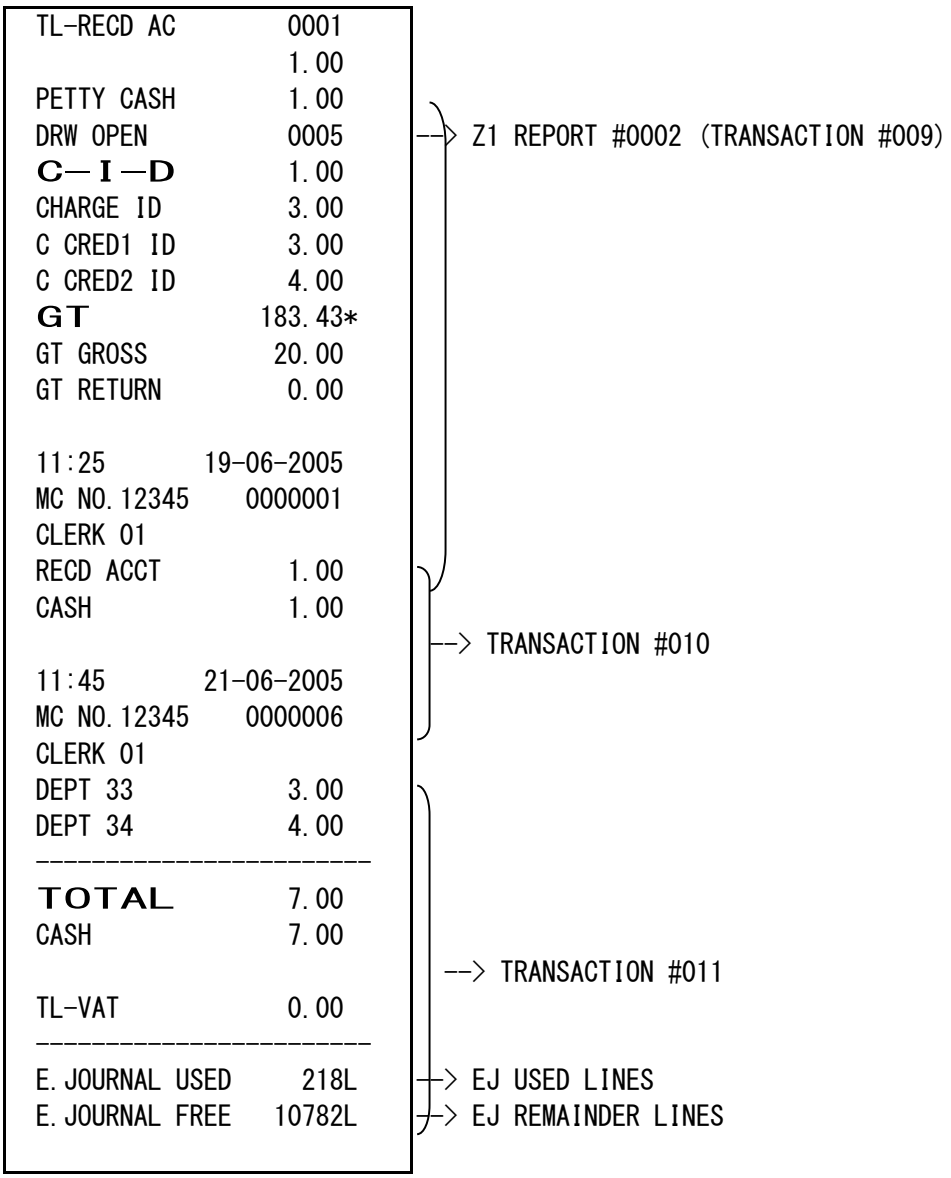


10-13) FULL REPORT FOR EJ

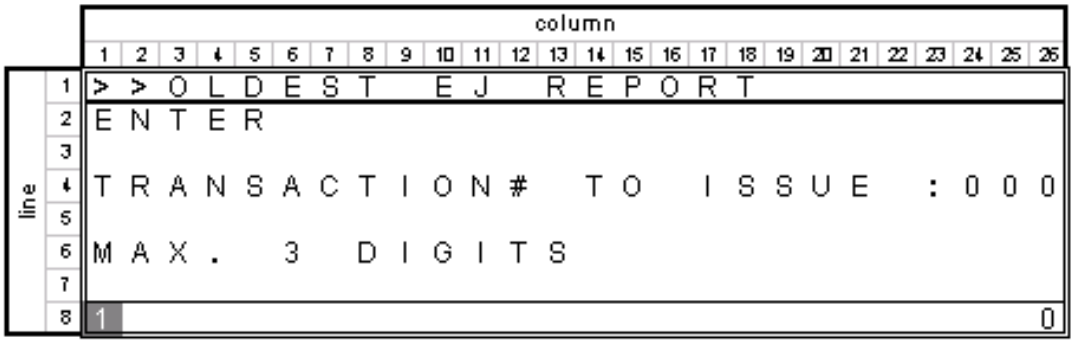



VAT1 10% 0.09
TXBL_O_1 10% 0.91
TXBL_W_1 10% 1.00
VAT2 20% 0.33
TXBL_O_2 20% 1.67
TXBL_W_2 20% 2.00
VAT3 30% 0.69
TXBL_O_3 30% 2.31
TXBL_W_3 30% 3.00
VAT4 40% 1.14
TXBL_O_4 40% 2.86
TXBL_W_4 40% 4.00
TL-VAT 2.25
TXBL_TL_O 7.75
TXBL_TL_W 10.00
NET 10.00
GROSS 10.00
TL-CASH 0001
3.00
TL-CHECK 0001
7.00
TL-RECD AC 0001
1.00
PETTY CASH 1.00
DRW OPEN 0004
C—I—D 4.00
CHECK ID 7.00
GT 173.43*
GT GROSS 10.00
GT RETURN 0.00
--> Z1 REPORT #0001 (TRANSACTION #004)
10:10 19-06-2005
MC NO.12345 0000001
CLERK 01
RECD ACCT 1.00
CASH 1.00
--> TRANSACTION #005
10:15 20-06-2005
MC NO.12345 0000003
CLERK 01
APPLE 1.00T1
MELON 2.00T2
TOTAL 3.00
CHARGE 3.00
VAT1 10% 0.09
VAT2 20% 0.33
TL-VAT 0.42
--> TRANSACTION #006
10:20 20-06-2005
MC NO.12345 0000004
CLERK 01


ORANGE 3.00T3
TOTAL 3.00
CREDIT1 3.00
VAT3 30% 0.69
TL-VAT 0.69
11:00 20-06-2005
MC NO.12345 0000005
CLERK 01
LEMON 4.00T4
TOTAL 4.00
CARD2 4.00
VAT4 40% 1.14
TL-VAT 1.14
11:12 20-06-2005
MC NO.12345 0000001
Z1 0002
DEPT 01 1
10% 1.00T1
DEPT 02 1
20% 2.00T2
DEPT 03 1
30% 3.00T3
DEPT 04 1
40% 4.00T4
TOTAL 10.00
VAT1 10% 0.09
TXBL_O_1 10% 0.91
TXBL_W_1 10% 1.00
VAT2 20% 0.33
TXBL_O_2 20% 1.67
TXBL_W_2 20% 2.00
VAT3 30% 0.69
TXBL_O_3 30% 2.31
TXBL_W_3 30% 3.00
VAT4 40% 1.14
TXBL_O_4 40% 2.86
TXBL_W_4 40% 4.00
TL-VAT 2.25
TXBL_TL_O 7.75
TXBL_TL_W 10.00
NET 10.00
GROSS 10.00
TL-CHARGE 0001
3.00
CREDIT1 0001
3.00
CREDIT2 0001
4.00
--> TRANSACTION #007
--> TRANSACTION #008
--> Z1 REPORT #0002 (TRANSACTION #009)


TL-RECD AC 0001
1.00
PETTY CASH 1.00
DRW OPEN 0005
C－I－D 1.00
CHARGE ID 3.00
C CRED1 ID 3.00
C CRED2 ID 4.00
GT 183.43*
GT GROSS 20.00
GT RETURN 0.00
11:25 19-06-2005
MC NO.12345 0000001
CLERK 01
RECD ACCT 1.00
CASH 1.00
11:45 21-06-2005
MC NO.12345 0000006
CLERK 01
DEPT 33 3.00
DEPT 34 4.00
TOTAL 7.00
CASH 7.00
TL-VAT 0.00
E.JOURNAL USED 218L
E.JOURNAL FREE 10782L
--> Z1 REPORT #0002 (TRANSACTION #009)
--> TRANSACTION #010
--> TRANSACTION #011
--> EJ USED LINES
--> EJ REMAINDER LINES

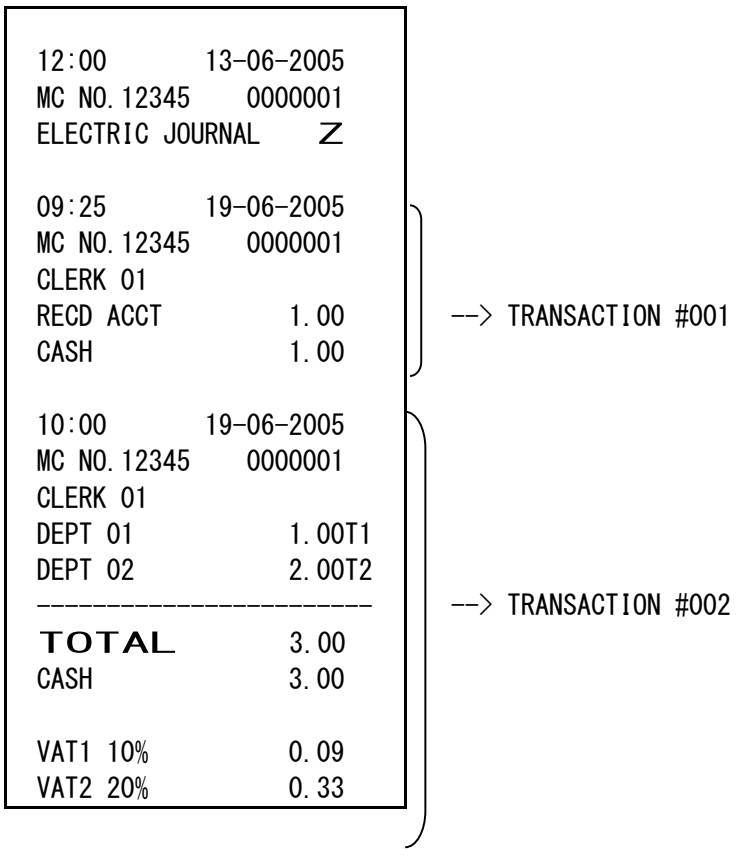
10-14) OLDEST REPORT FOR EJ



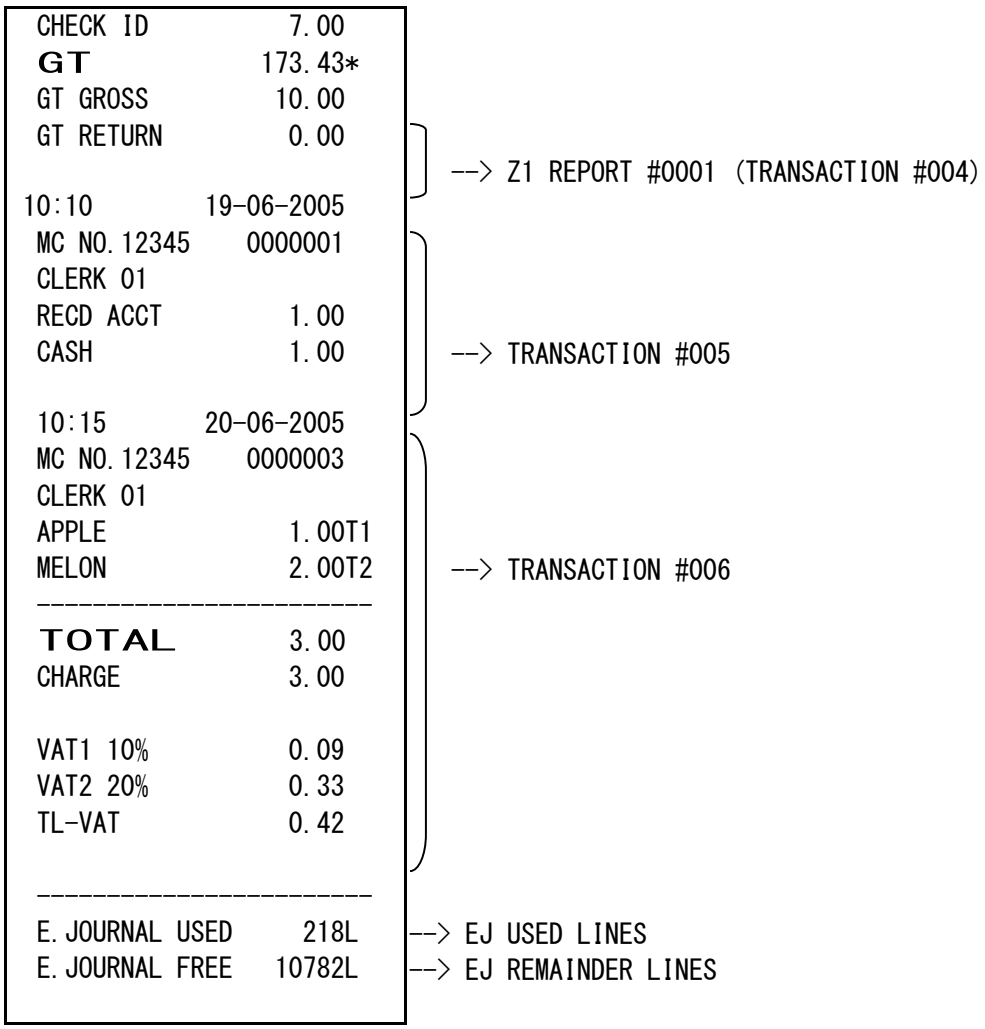
(nnn) [ENTER] nnn: 001 – 999

“nnn” means how many transaction in EJ will be issued.
ECR will be reportted from oldest transaction.
ECR will count the issued transaction. When the count reach entered number,
The report will be stopped.
If the issued transaction is all before the count reach entered number, the
report will be stopped.

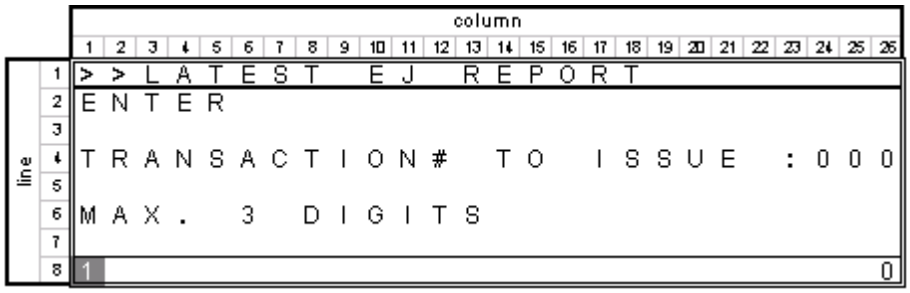
EX. (006) [ENTER]



```
TL-VAT              0.42

10:05        19-06-2005
MC NO.12345     0000002
CLERK 01
DEPT 03             3.00T3
DEPT 04             4.00T4
------------------------
TOTAL               7.00        --> TRANSACTION #003
CHECK               7.00

VAT3 30%            0.69
VAT4 40%            1.14
TL-VAT              1.83

10:08        19-06-2005
MC NO.12345     0000001
Z1                  0001
DEPT 01                1
 10%               1.00T1
DEPT 02                1
 20%               2.00T2
DEPT 03                1
 30%               3.00T3
DEPT 04                1
 4%                4.00T4
TOTAL              10.00
VAT1 10%            0.09
TXBL_O_1 10%        0.91
TXBL_W_1 10%        1.00
VAT2 20%            0.33
TXBL_O_2 20%        1.67
TXBL_W_2 20%        2.00
VAT3 30%            0.69
TXBL_O_3 30%        2.31
TXBL_W_3 30%        3.00
VAT4 40%            1.14
TXBL_O_4 40%        2.86
TXBL_W_4 40%        4.00
TL-VAT              2.25
TXBL_TL_O           7.75
TXBL_TL_W          10.00
NET                10.00
GROSS              10.00
TL-CASH             0001
                    3.00        --> Z1 REPORT #0001 (TRANSACTION #004)
TL-CHECK            0001
                    7.00
TL-RECD AC          0001
                    1.00
PETTY CASH          1.00
DRW OPEN            0004
C－I－D             4.00
```


CHECK ID 7.00
GT 173.43*
GT GROSS 10.00
GT RETURN 0.00
--> Z1 REPORT #0001 (TRANSACTION #004)
10:10 19-06-2005
MC NO.12345 0000001
CLERK 01
RECD ACCT 1.00
CASH 1.00
--> TRANSACTION #005
10:15 20-06-2005
MC NO.12345 0000003
CLERK 01
APPLE 1.00T1
MELON 2.00T2
--> TRANSACTION #006
TOTAL 3.00
CHARGE 3.00
VAT1 10% 0.09
VAT2 20% 0.33
TL-VAT 0.42
E.JOURNAL USED 218L
--> EJ USED LINES
E.JOURNAL FREE 10782L
--> EJ REMAINDER LINES

10-15) LATEST REPORT FOR EJ



(nnn) [ENTER] nnn: 001 – 999

“nnn” means how many transaction in EJ will be issued.
ECR will be reportted from older transaction by appointted number.
When the issued transaction reach to latest, the report will be stopped.
If the appointted number is bigger than saved transaction into EJ memory,
The report will be startted from oldest transaction.

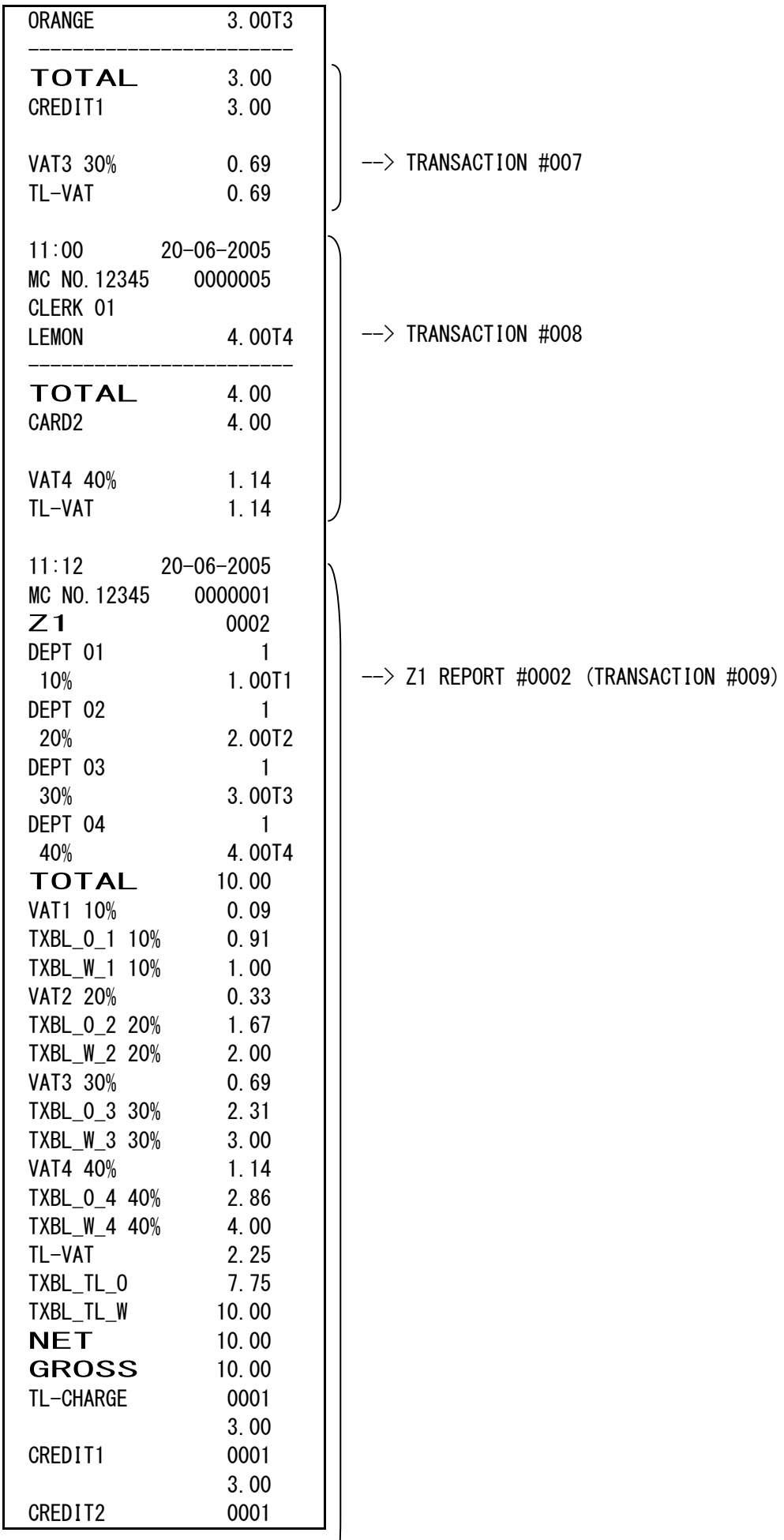
EX. (007) [ENTER]

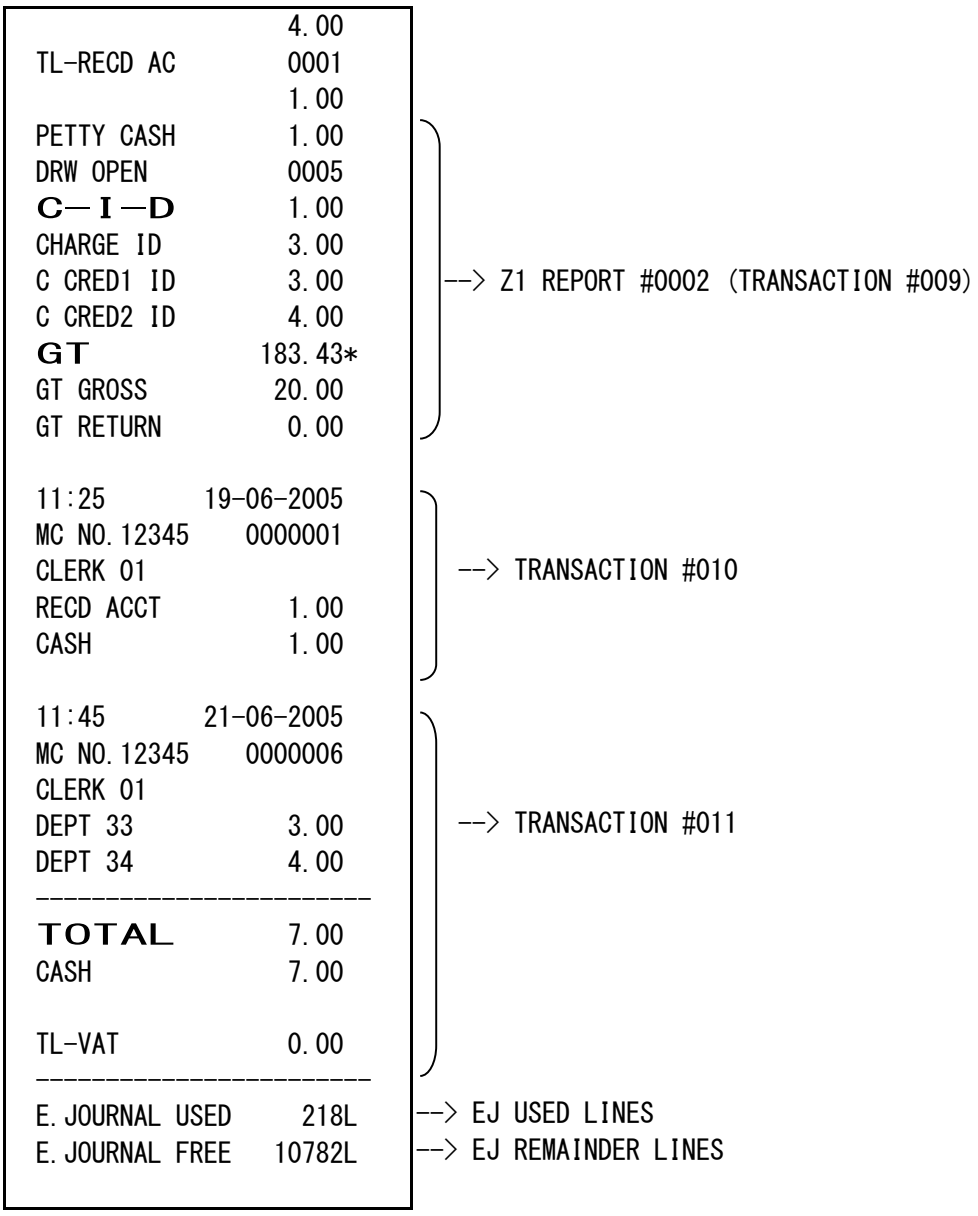
```
 12:00        13-06-2005
 MC NO.12345     0000001
 ELECTRIC JOURNAL    Z

10:10         19-06-2005
 MC NO.12345     0000001
 CLERK 01
 RECD ACCT           1.00
 CASH                1.00

 10:15        20-06-2005
 MC NO.12345     0000003
 CLERK 01
 APPLE               1.00T1
 MELON               2.00T2
 ----------------------
 TOTAL               3.00
 CHARGE              3.00

 VAT1 10%            0.09
 VAT2 20%            0.33
 TL-VAT              0.42

 10:20        20-06-2005
 MC NO.12345     0000004
 CLERK 01
```

--> TRANSACTION #005

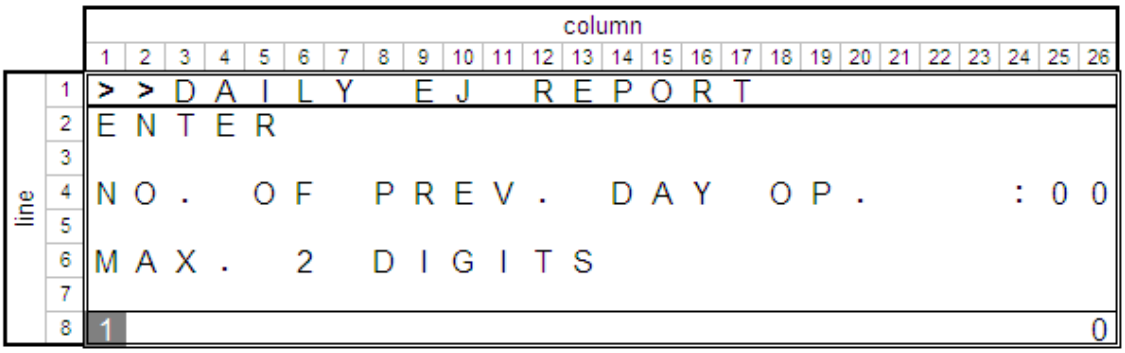
--> TRANSACTION #006

--> TRANSACTION #007


ORANGE 3.00T3
TOTAL 3.00
CREDIT1 3.00
VAT3 30% 0.69
TL-VAT 0.69
--> TRANSACTION #007
11:00 20-06-2005
MC NO.12345 0000005
CLERK 01
LEMON 4.00T4
TOTAL 4.00
CARD2 4.00
VAT4 40% 1.14
TL-VAT 1.14
--> TRANSACTION #008
11:12 20-06-2005
MC NO.12345 0000001
Z1 0002
DEPT 01 1
10% 1.00T1
DEPT 02 1
20% 2.00T2
DEPT 03 1
30% 3.00T3
DEPT 04 1
40% 4.00T4
TOTAL 10.00
VAT1 10% 0.09
TXBL_O_1 10% 0.91
TXBL_W_1 10% 1.00
VAT2 20% 0.33
TXBL_O_2 20% 1.67
TXBL_W_2 20% 2.00
VAT3 30% 0.69
TXBL_O_3 30% 2.31
TXBL_W_3 30% 3.00
VAT4 40% 1.14
TXBL_O_4 40% 2.86
TXBL_W_4 40% 4.00
TL-VAT 2.25
TXBL_TL_O 7.75
TXBL_TL_W 10.00
NET 10.00
GROSS 10.00
TL-CHARGE 0001
3.00
CREDIT1 0001
3.00
CREDIT2 0001
--> Z1 REPORT #0002 (TRANSACTION #009)


4.00
TL-RECD AC 0001
1.00
PETTY CASH 1.00
DRW OPEN 0005
C－I－D 1.00
CHARGE ID 3.00
C CRED1 ID 3.00
C CRED2 ID 4.00
GT 183.43*
GT GROSS 20.00
GT RETURN 0.00
--> Z1 REPORT #0002 (TRANSACTION #009)
11:25 19-06-2005
MC NO.12345 0000001
CLERK 01
RECD ACCT 1.00
CASH 1.00
--> TRANSACTION #010
11:45 21-06-2005
MC NO.12345 0000006
CLERK 01
DEPT 33 3.00
DEPT 34 4.00
TOTAL 7.00
CASH 7.00
TL-VAT 0.00
--> TRANSACTION #011
E.JOURNAL USED 218L
E.JOURNAL FREE 10782L
--> EJ USED LINES
--> EJ REMAINDER LINES

10-16) DAILY REPORT FOR EJ



(dd) [ENTER] dd: 01 - 99

“dd” means how many days until Z financial report will be issued.

ECR will be reportted from oldest transaction.

ECR will count the issued Z financial report. When the count reach entered number,

The report will be stopped.

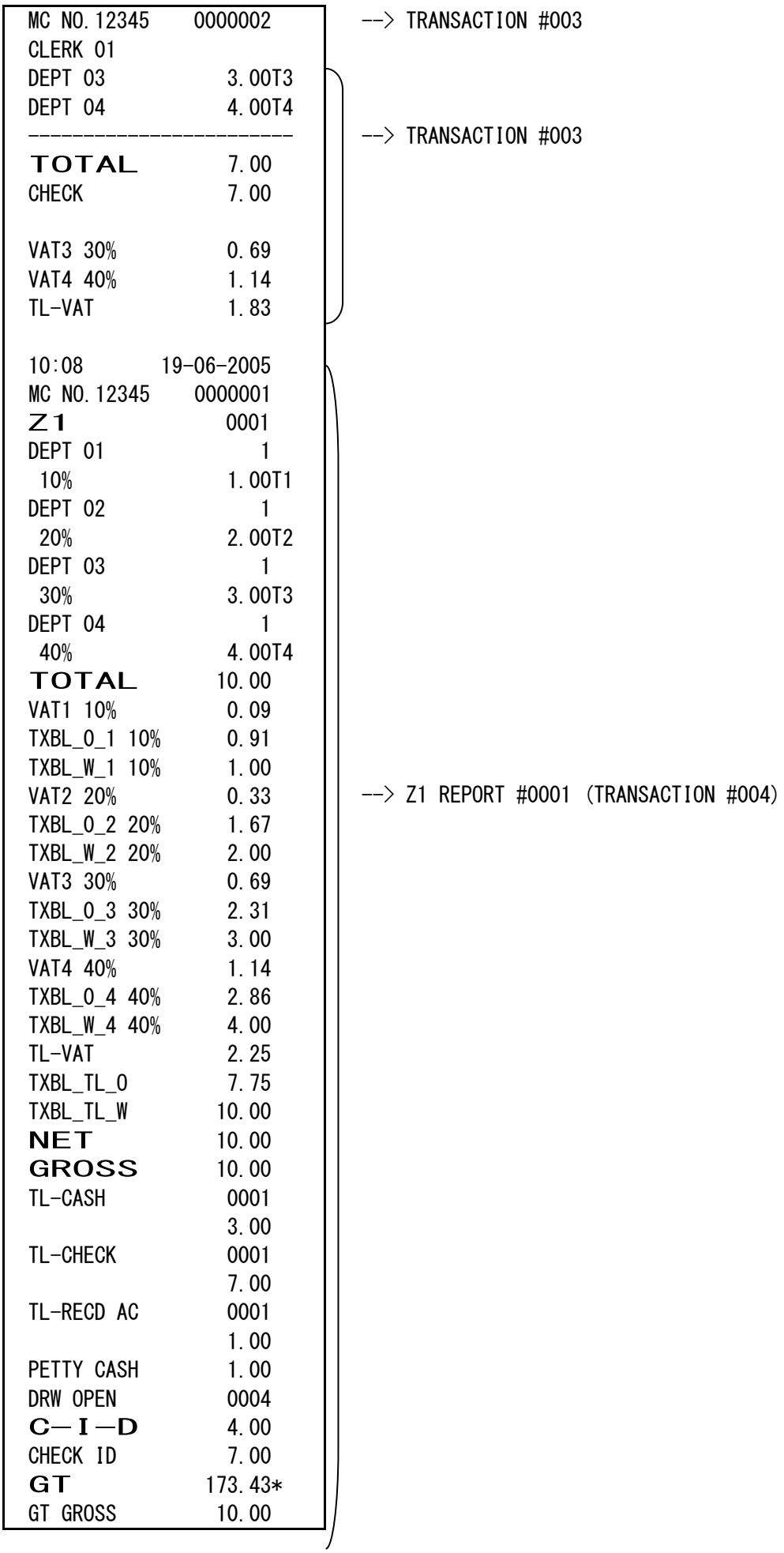
If the issued data is all before the count reach entered number, the report will be stopped.

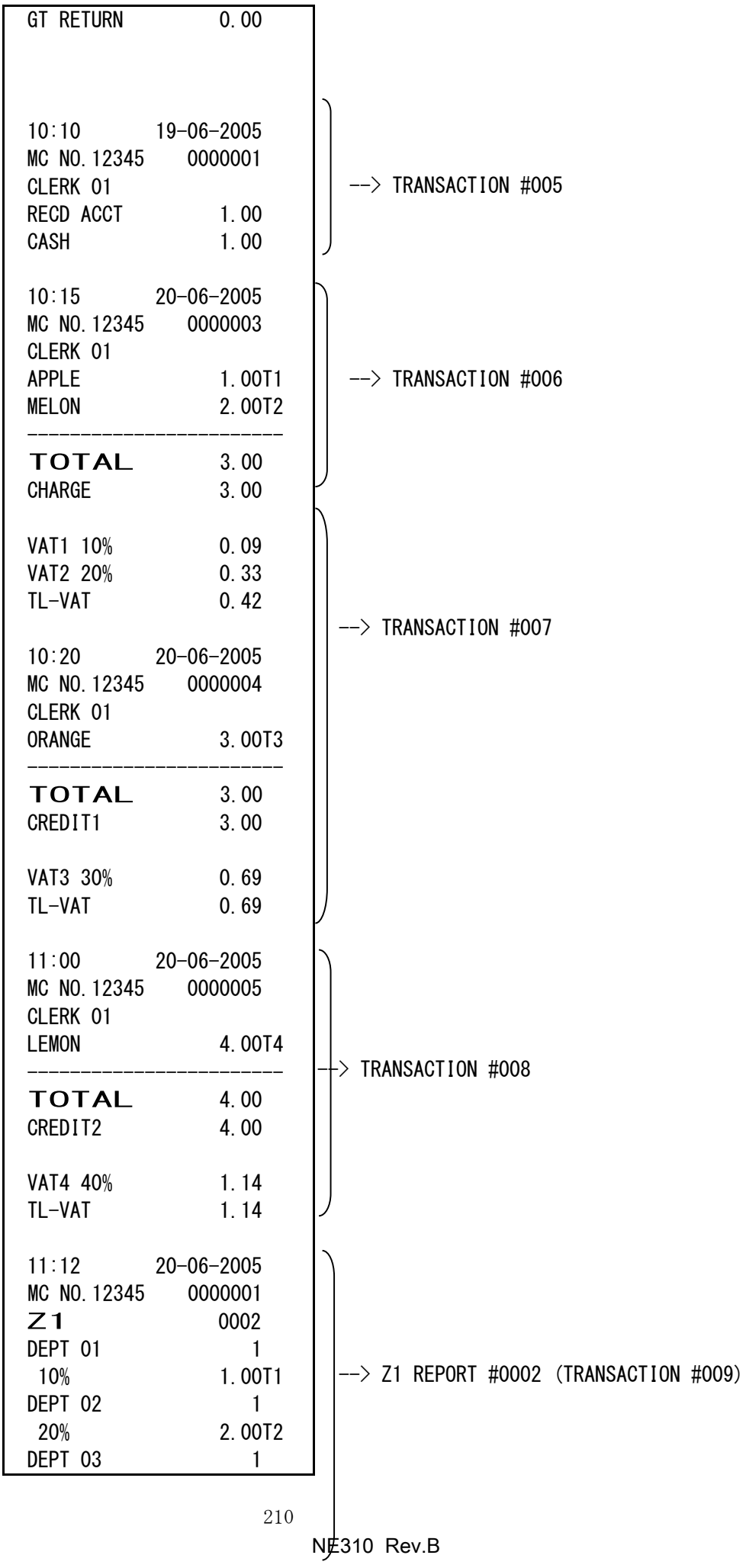
EX. (02) [ENTER]

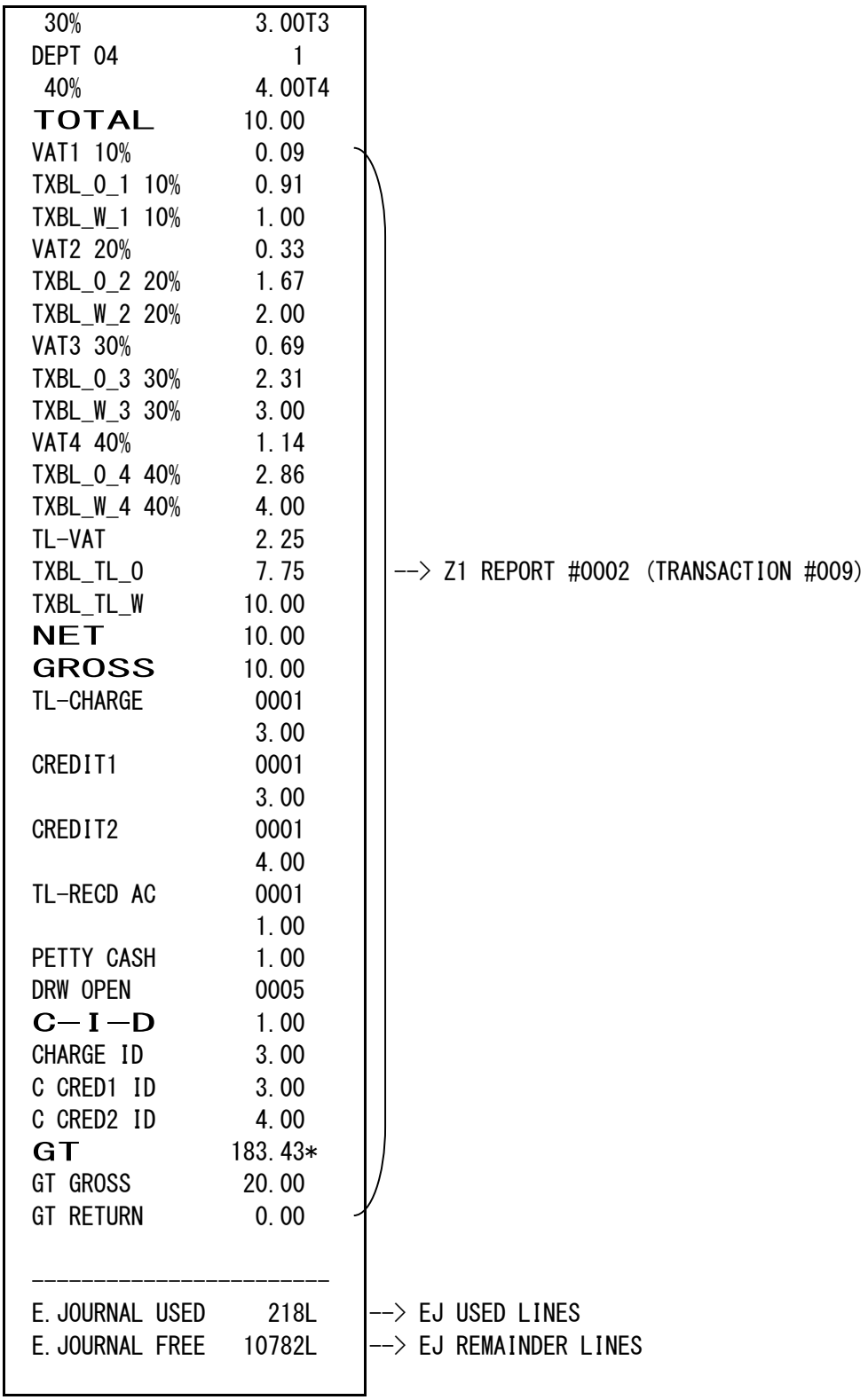
```
12:00        13-06-2005
MC NO.12345     0000001
ELECTRIC JOURNAL     Z

09:25        19-06-2005
MC NO.12345     0000001
CLERK 01
RECD ACCT           1.00
CASH                1.00

10:00        19-06-2005
MC NO.12345     0000001
CLERK 01
DEPT 01             1.00T1
DEPT 02             2.00T2
------------------------
TOTAL               3.00
CASH                3.00

VAT1 10%            0.09
VAT2 20%            0.33
TL-VAT              0.42

10:05        19-06-2005
```

--> TRANSACTION #001

--> TRANSACTION #002


MC NO.12345 0000002
--> TRANSACTION #003
CLERK 01
DEPT 03 3.00T3
DEPT 04 4.00T4
--> TRANSACTION #003
TOTAL 7.00
CHECK 7.00
VAT3 30% 0.69
VAT4 40% 1.14
TL-VAT 1.83
10:08 19-06-2005
MC NO.12345 0000001
Z1 0001
DEPT 01 1
10% 1.00T1
DEPT 02 1
20% 2.00T2
DEPT 03 1
30% 3.00T3
DEPT 04 1
40% 4.00T4
TOTAL 10.00
VAT1 10% 0.09
TXBL_O_1 10% 0.91
TXBL_W_1 10% 1.00
VAT2 20% 0.33
--> Z1 REPORT #0001 (TRANSACTION #004)
TXBL_O_2 20% 1.67
TXBL_W_2 20% 2.00
VAT3 30% 0.69
TXBL_O_3 30% 2.31
TXBL_W_3 30% 3.00
VAT4 40% 1.14
TXBL_O_4 40% 2.86
TXBL_W_4 40% 4.00
TL-VAT 2.25
TXBL_TL_O 7.75
TXBL_TL_W 10.00
NET 10.00
GROSS 10.00
TL-CASH 0001
3.00
TL-CHECK 0001
7.00
TL-RECD AC 0001
1.00
PETTY CASH 1.00
DRW OPEN 0004
C—I—D 4.00
CHECK ID 7.00
GT 173.43*
GT GROSS 10.00

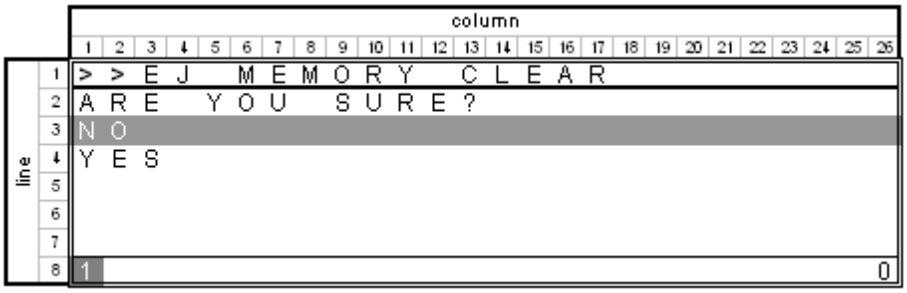

GT RETURN 0.00
10:10 19-06-2005
MC NO.12345 0000001
CLERK 01
RECD ACCT 1.00
CASH 1.00
--> TRANSACTION #005
10:15 20-06-2005
MC NO.12345 0000003
CLERK 01
APPLE 1.00T1
MELON 2.00T2
TOTAL 3.00
CHARGE 3.00
--> TRANSACTION #006
VAT1 10% 0.09
VAT2 20% 0.33
TL-VAT 0.42
10:20 20-06-2005
MC NO.12345 0000004
CLERK 01
ORANGE 3.00T3
TOTAL 3.00
CREDIT1 3.00
VAT3 30% 0.69
TL-VAT 0.69
--> TRANSACTION #007
11:00 20-06-2005
MC NO.12345 0000005
CLERK 01
LEMON 4.00T4
TOTAL 4.00
CREDIT2 4.00
VAT4 40% 1.14
TL-VAT 1.14
--> TRANSACTION #008
11:12 20-06-2005
MC NO.12345 0000001
Z1 0002
DEPT 01 1
10% 1.00T1
DEPT 02 1
20% 2.00T2
DEPT 03 1
--> Z1 REPORT #0002 (TRANSACTION #009)


30% 3.00T3
DEPT 04 1
40% 4.00T4
TOTAL 10.00
VAT1 10% 0.09
TXBL_O_1 10% 0.91
TXBL_W_1 10% 1.00
VAT2 20% 0.33
TXBL_O_2 20% 1.67
TXBL_W_2 20% 2.00
VAT3 30% 0.69
TXBL_O_3 30% 2.31
TXBL_W_3 30% 3.00
VAT4 40% 1.14
TXBL_O_4 40% 2.86
TXBL_W_4 40% 4.00
TL-VAT 2.25
TXBL_TL_O 7.75
TXBL_TL_W 10.00
NET 10.00
GROSS 10.00
TL-CHARGE 0001
3.00
CREDIT1 0001
3.00
CREDIT2 0001
4.00
TL-RECD AC 0001
1.00
PETTY CASH 1.00
DRW OPEN 0005
C－I－D 1.00
CHARGE ID 3.00
C CRED1 ID 3.00
C CRED2 ID 4.00
GT 183.43*
GT GROSS 20.00
GT RETURN 0.00
E.JOURNAL USED 218L
E.JOURNAL FREE 10782L
--> Z1 REPORT #0002 (TRANSACTION #009)
--> EJ USED LINES
--> EJ REMAINDER LINES

10-17) MEMORY CLEAR FOR EJ

This operation is used for EJ Memory clear under Z mode only.

The below menue will be appeared. Then selecting YES will execute EJ memory clear.



When EJ memory clear,

≪STANDARD≫

```
12:00        13-06-2005
MC NO.12345     0000001
E.JOURNAL CLEAR      Z
E.JOURNAL USED      0L   --> EJ USED LINES
E.JOURNAL FREE   11000L  --> EJ REMAINDER LINES
```

≪DYNAMIC≫

```
12:00        13-06-2005
MC NO.12345     0000001
E.JOURNAL CLEAR      Z
```

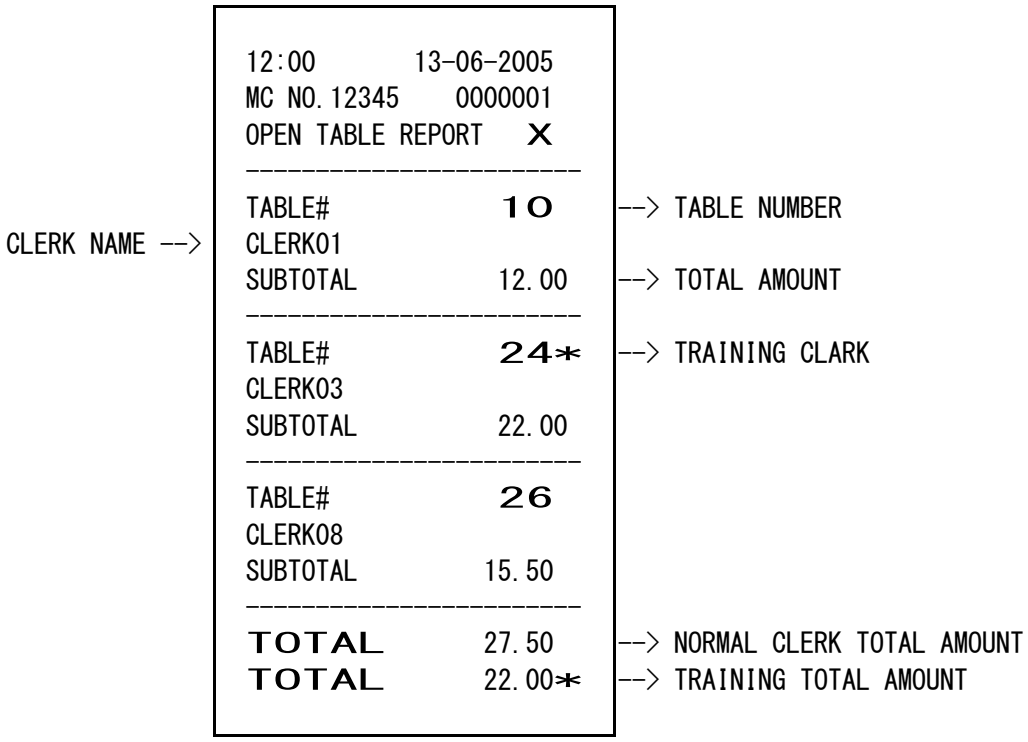
There is no report issue by escape clear EJ memory.

10-18) OPEN TABLE REPORT

X Position - To reads the open table report.

Z Position - To reads the open table report and reset the totals to zero.

OPEN TABLE report



10-19) ALL PLU STOCK REPORT

ALL PLU STOCK REPORT Will show you all the PLU stock quantities. Up to 999.999 quantity can be managed in this ECR. In order to change a PLU stock quantity, set it at PLU programming.

```
12:00        13-06-2005
MC NO.12345     0000001
PLU STOCK REPORT    X
 AAA              9999
 BBB           999.999
 CCC                 0
```

Note) 1: This report can be taken only at x mode.

2: You can stop the issueing of the report by depressing [FEED]key.

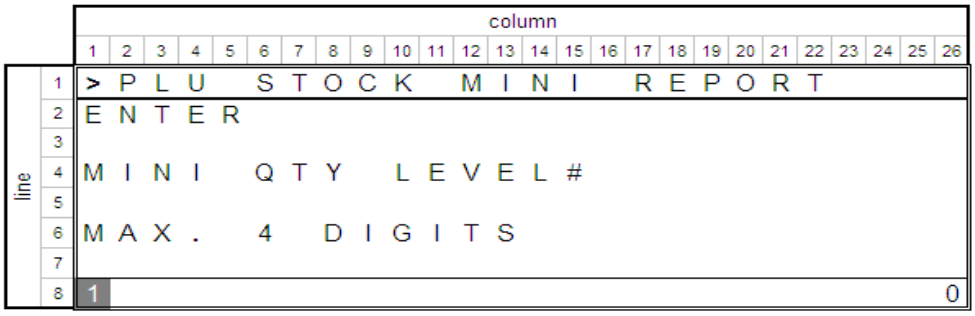
When [FEED] key is entered during issueing the report, the report will be escaped.

Then ECR will be printted following line that means to stopping report.

"**********" -------- Stopping message

10-20) PLU STOCK MINI REPORT

PLU STOCK MINI REPORT is almost the same as ALL PLU STOCK REPORT, except it can specify the minimum quantity level. If you wish to know the PLU whose quantity is below 1200, Enter 1200 and then it will search the PLU under 1200 quantity and print them all. Up to 9999 quantity level can be specified.



EXAMPLE: (1200) – [TOTAL]

0-9999

```
12:00          13-06-2005
MC NO.12345       0000001
PLU STOCK REPORT      X
BBB                999.999
CCC                      0
```

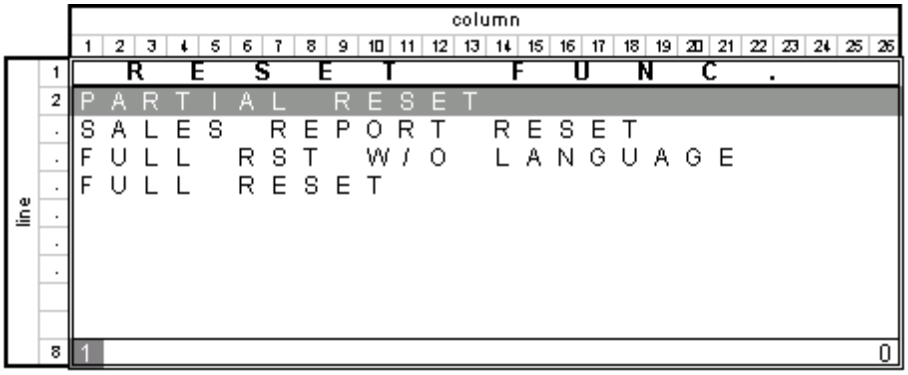
Note) 1: This report can be taken only at x mode.

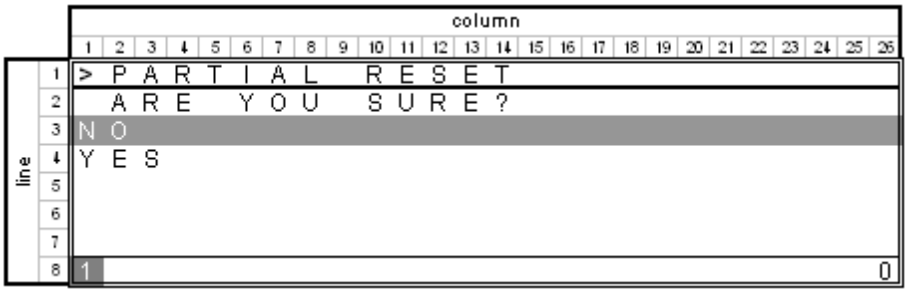
2: Minus quantity cannot be specified.

11) RESET OPERATION

Continuously depress [CLEAR] about 2 seconds in “OFF MODE”. The reset operation menu will be displayed. [↓] and [↑] move the line cursor and depressing [ENTER] key will execute each of a reset operation.

After selecting a reset operation, ECR displays “ARE YOU SURE” message.
If the user wants to execute the selected reset operation, select YES and execute it.





(1) PATIAL RESET

All working memory will be cleared and then return to the idle status.

(2) SALES REPORT RESET

All working memory and all report data will be cleared.

(3) FULL RESET WITHOUT LANGUAGE

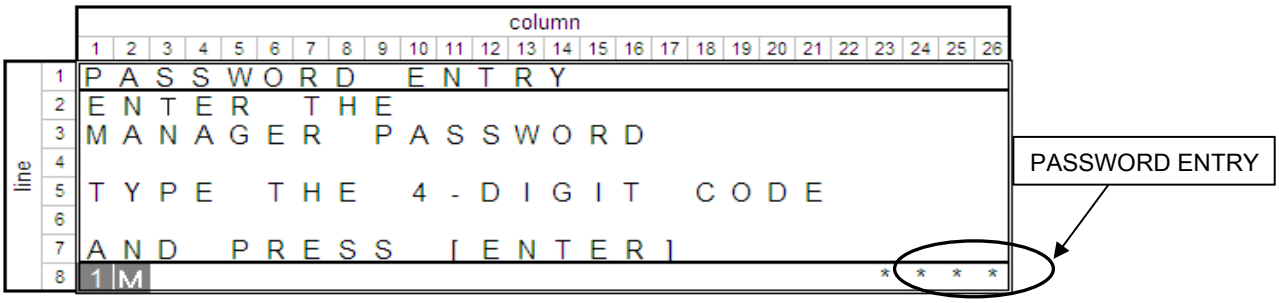
All working memory, all report data and all program data without language (Free-captions) will be cleared.

(4) FULL RESET

All working memory, all report data and all program data will be cleared.

12) SECURITY PASSWORD

ECR can program a password in order to keep a high security for all of mode operation.
These pass word will be programmed on ENHANCEMENT SET UP.
If the password has been programmed, whenever the operator change to a certain mode,
the following screen will come up.



Then the operator has to enter the programmed password within 4 digits.
If the password will be matched, ECR shall make the password error.

13) BALANCING FORMULAS

Balancing formulas will renew after next revision.

SYSTEM BALANCE

(+) DEPARTMENT 1
(+) DEPARTMENT 2
(+) DEPARTMENT 3
|
|
(+) DEPARTMENT 98
(+) DEPARTMENT 99

(=) DEPARTMENT TOTAL

(+) POSITIVE ITEM (+%,+, etc)

(=) GROSS SALES

%&+/- DEP CALC : NET

(+)DEPARTMENT TOTAL
(+) SALES +/- TOTAL
(+) SALES %1 TOTAL
(+) SALES %2 TOTAL
(+) ADJUST

(=) NET SALES

%&+/- DEP CALC : BRUT

(+)DEPARTMENT TOTAL
(+) ITEM +/- TOTAL
(+) ITEM %1 TOTAL
(+) ITEM %2 TOTAL
(+) SALES +/- TOTAL
(+) SALES %1 TOTAL
(+) SALES %2 TOTAL
(+) ADJUST

(=) NET SALES

(+) NET SALES (+) GROSS SALES

(+) PREVIOUS GRAND TOTAL (+) PREVIOUS GT GROSS SALES

(=) ENDING GRAND TOTAL (=) ENDING GT GROSS SALES

(+) NEGATIVE ITEM (-%,-, ec,void,return, etc)

(+) PREVIOUS GT RETURN

(=) ENDING GT RETURN

MEDIA BALANCE

(+) NET SALES

(-) CHECK

(-) CHARGE

(-) CREDIT 1

(-) CREDIT 2

(-) CREDIT 3

(-) CREDIT 4

(-) CREDIT 5

(-) CREDIT 6

(+) RECEIVED ON ACCOUNT

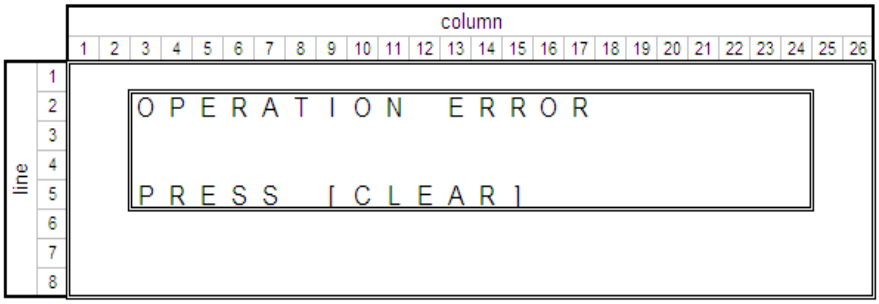
(-) PAID OUT

(-) PAYMENT OUT

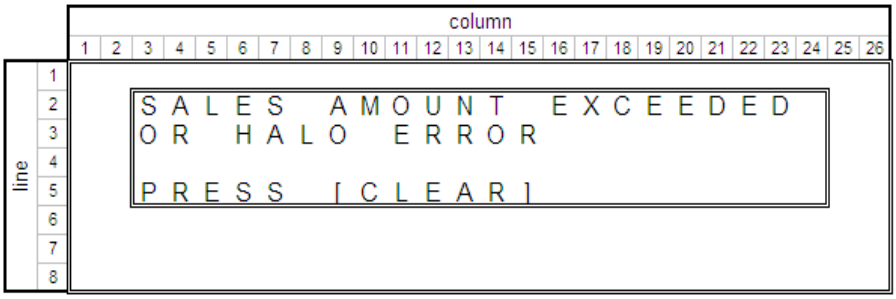
(=) CASH IN DRAWER

14) ERROR MESSAGE

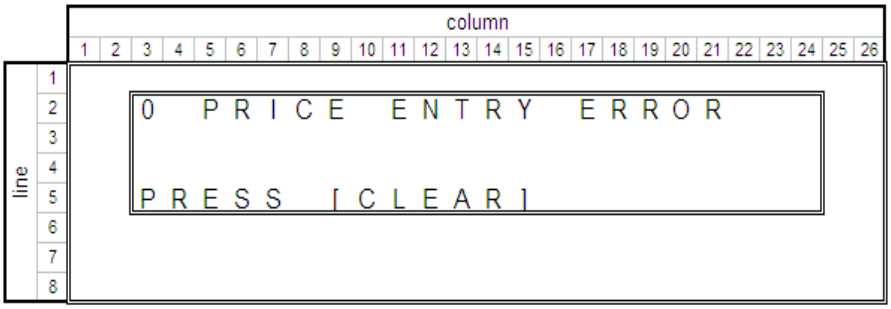
1. Operation error



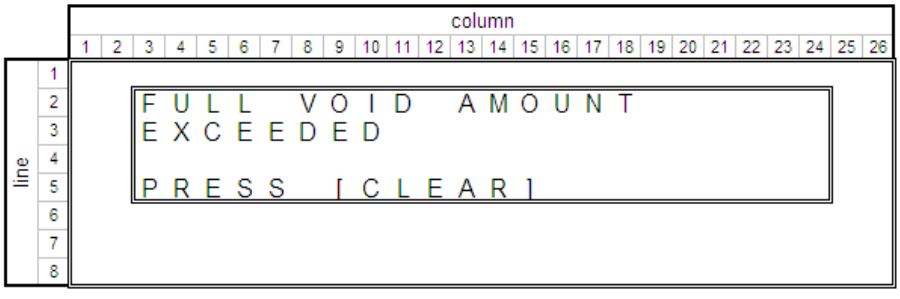
2. Sales amount over or HALO controlled error



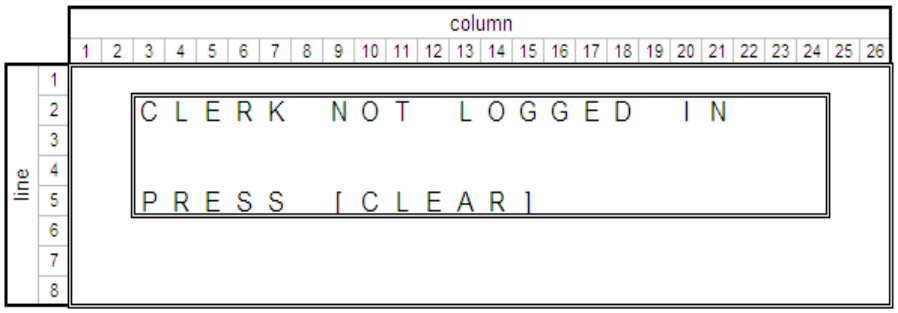
3. 0 (ZERO) price entry error



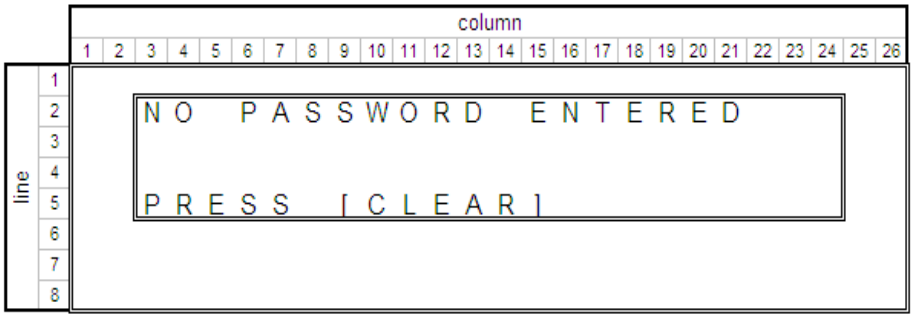
4. Item over for CANCEL (full void)



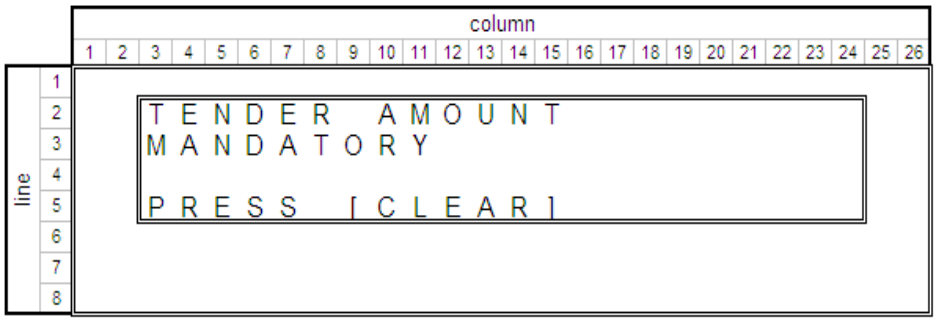
5. Not CLERK login yet



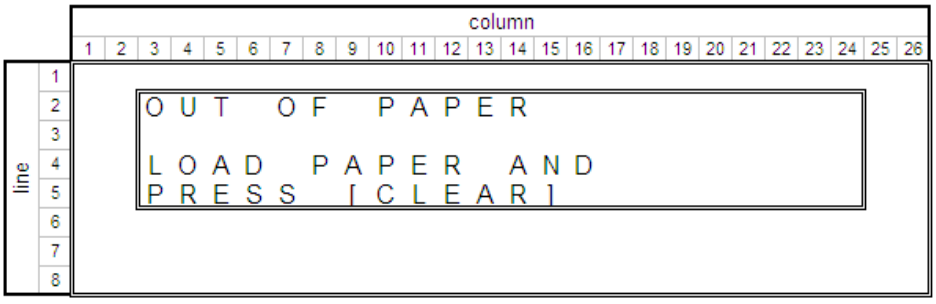
6. Not security code entry yet



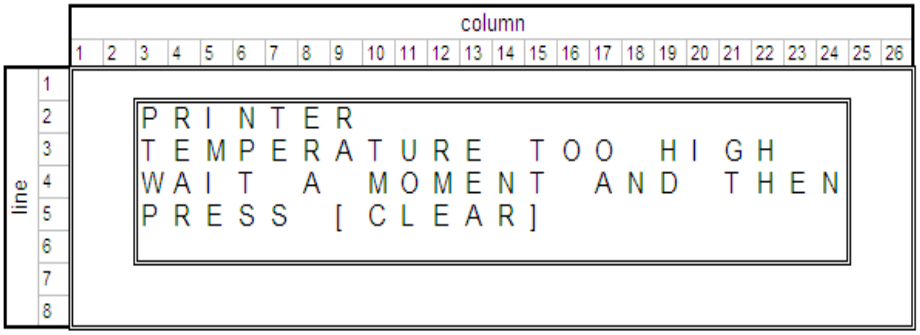
7. Amount tender compulsory error



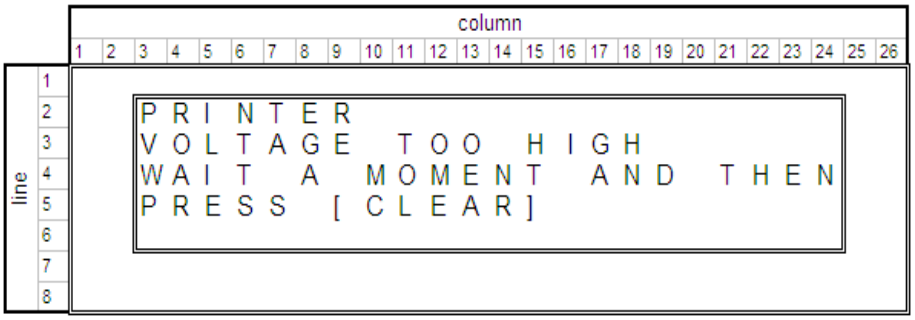
8 .Paper error



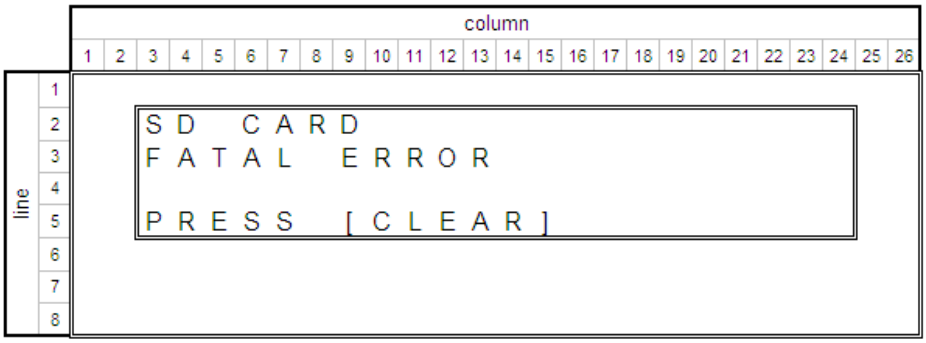
9. Printer header temparature becomes abnormal.



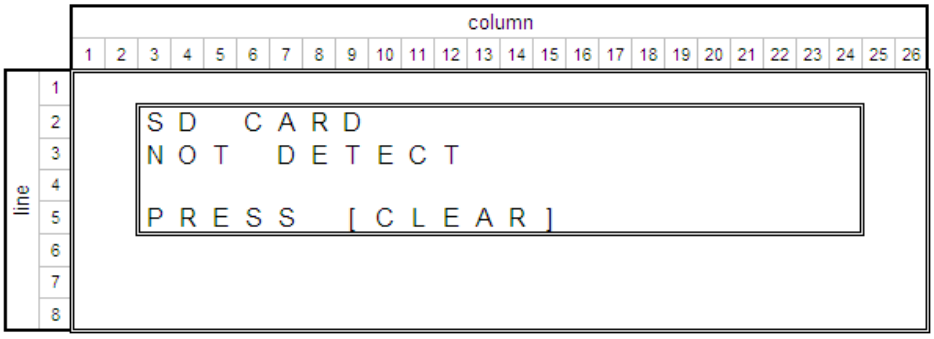
10.. Printer control voltage becomes abnormal.



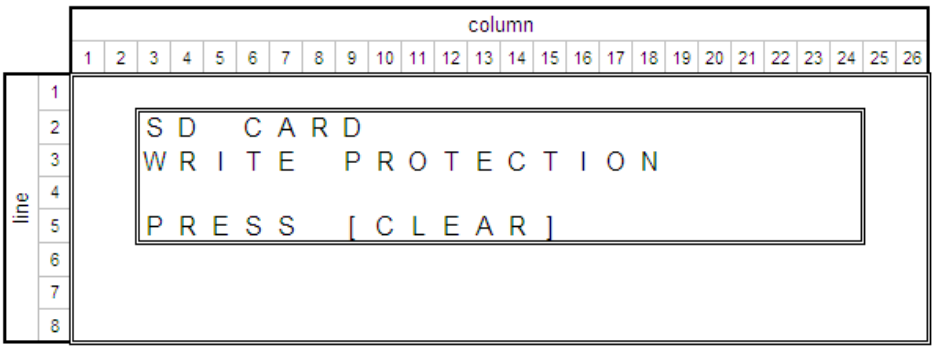
11. SD card fatal error



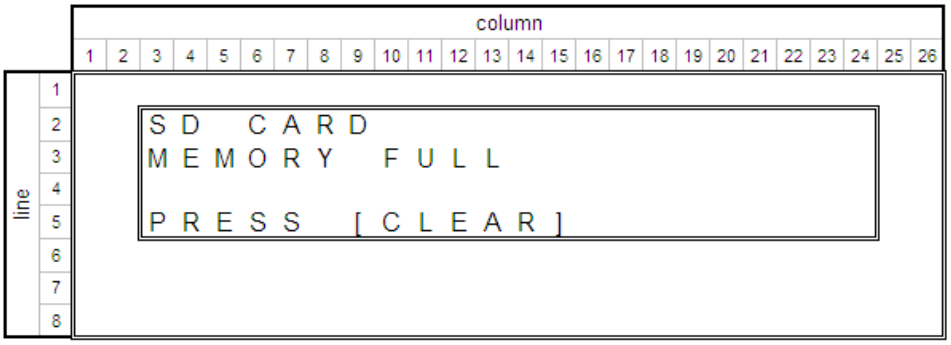
12. SD card not detect error



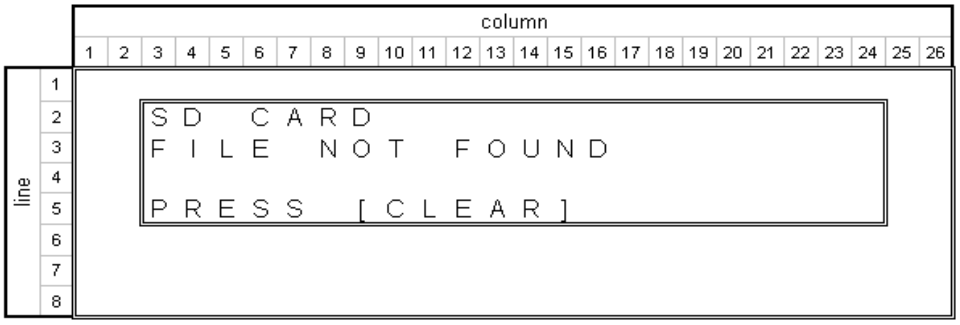
13. SD card write protection error



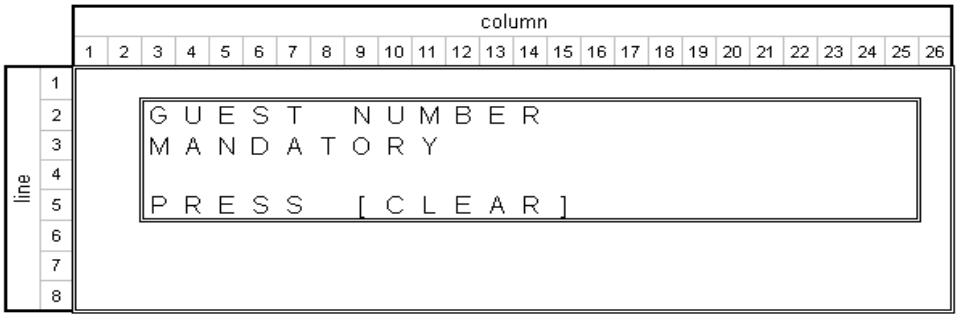
14. SD card full error



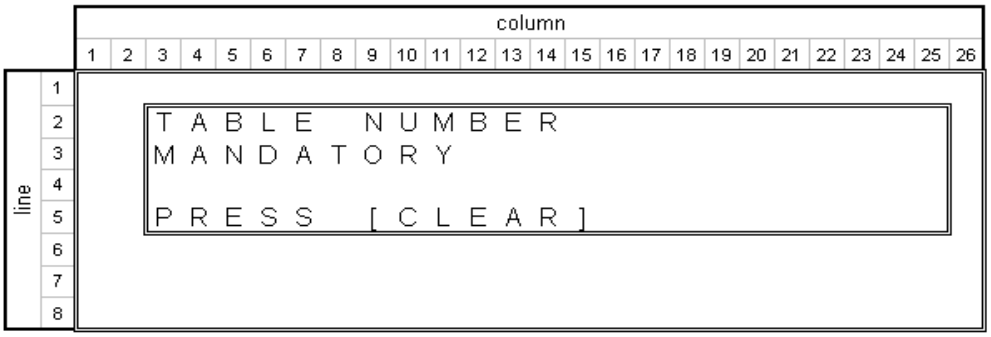
15. SD card file not found error



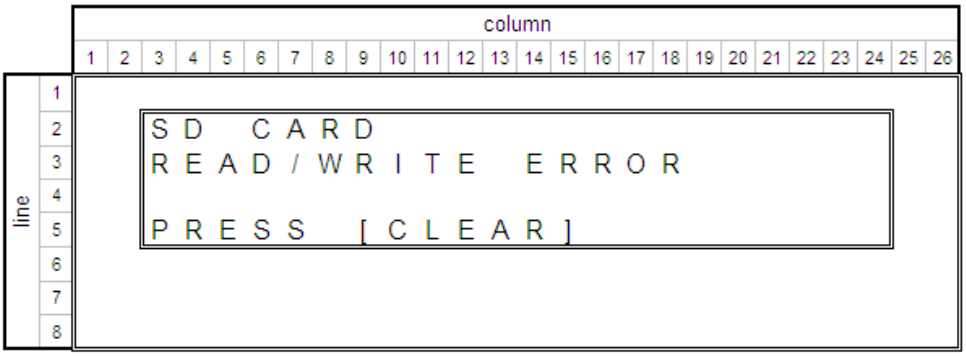
16. Guest number compulsory error



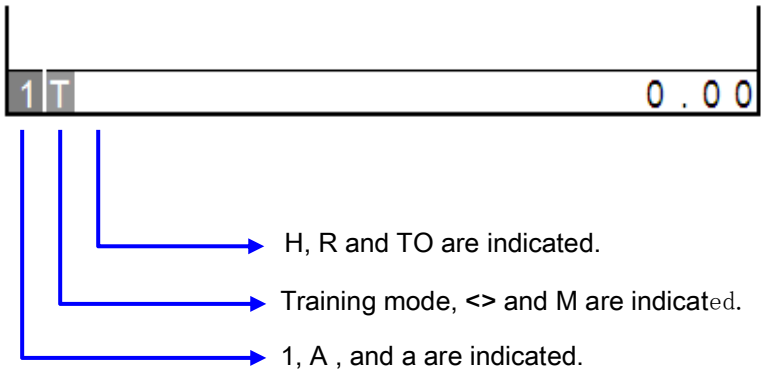
17. Table number compulsory error

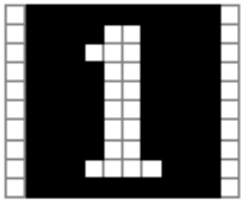
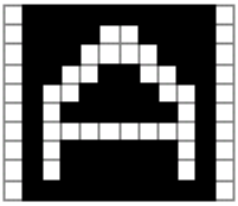
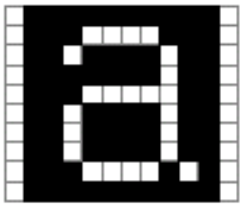
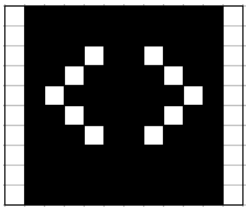
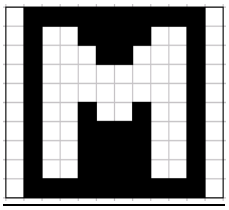
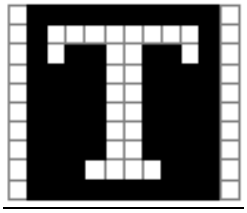
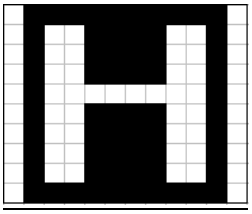
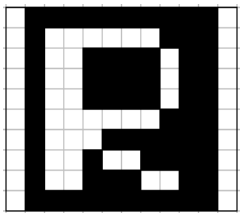
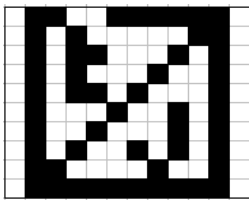
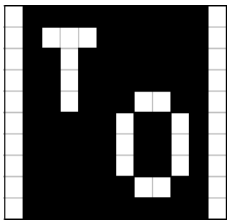
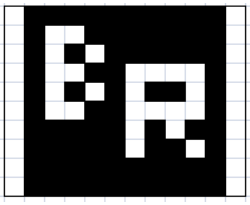
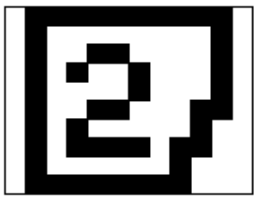
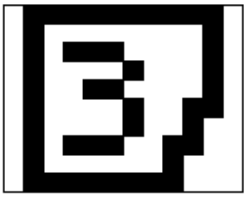
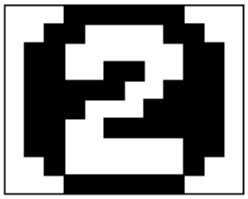


18. SD card read/write error



15) INDICATOR



Ten key active	Upper-case Caption active	Lower-case Caption active	Flag select mode	Manager Mode
				
Training mode	**HOLD Operation**	**RECALL**	**EJ near full**	**In-TAKE-OUT**
				
Business Receipt	PLU page2	PLU page3	Price2	
				

16) PC COMMUNICATION SPECIFICATION

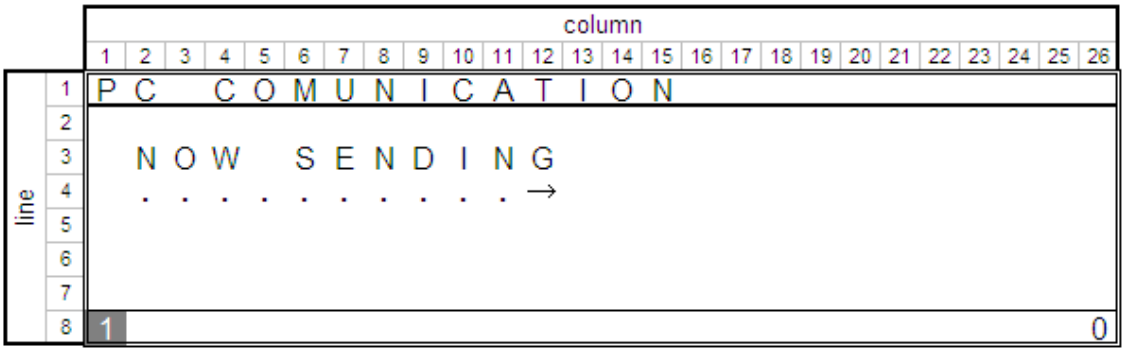
In any mode, the ECR will communicate when it receives a command from the PC.
More information can be found in the PC Communication Specification.

1. USB specification

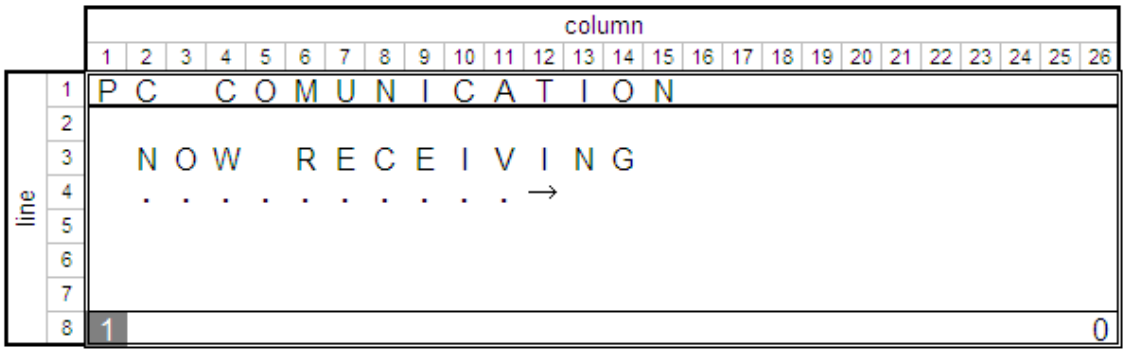
Terminal : B-Type
USB Version : USB1.1
Vender ID : TBD
Product ID : TBD

2 . Communication indication

(1) Sending from ECR to PC (During sending)



(2) Receiving from PC to ECR (During receiving)



17) Graphic Logo

There will be some condition for the Logo data as follows.

1. Logo data size : W384 x H216 dots.
2. If the ratio of printed black dots against white would be high, ECR can not print this graphic data properly because of limitation of power consumption.

18) BCR Interface

1. Pin assignments :

D-sub 9pin (BCR side)

Pin No.	Function
2	TXD
3	RXD
5	GND
7	CTS
8	RTS
9	+5V

2. RS232C communication parameters :

BCR is possible to operating by either of the following settings.

	Baud rate	Data length	Parity	Stop bit
default settings	9600	8 bits	Non	1
	9600	7 bits	Space	2

3. Data format :

Bar code number (ASCII code)	CR (0D<hex>)	LF (0A<hex>)

Note: This ECR is able to receiving scan data from BCR by the above data format.
Please adjust the transferred data to above format in your using BCR.
The programming is depend on the manual of the BCR.