

CR-50

(LTPZ225 P/H)

SPECIFICATION

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Specifications are for the development purpose may be subject to be changed according to further development process

THE CONTENTS

1) BASIC FEATURE.....	1
2) KEYBOARD LAYOUT	3
3) TOTALIZERS & COUNTERS	4
4) BASIC FEATURES AND FUNCTIONS, CONTINUED.....	5
5) CLERK FUNCTION	7
5-1) TO ASSIGN A CLERK.....	7
5-2) CLERK # ON DISPLAY	8
5-3) LOG OFF A CLERK	8
6) PROGRAMMING NOTES.....	9
6-1) DATE PROGRAMMING	10
6-2) TIME PROGRAMMING.....	11
6-3) % KEY PROGRAMMING	12
6-4) (-) KEY PROGRAMMING	13
6-5) TAX RATE PROGRAMMING	14
6-6) INVOICE NUMBER PRESET (only Spanish & Portuguese & Catalan)	15
6-7) CONSECUTIVE RECEIPT NUMBER PRESET	16
6-8) Z1/Z2 COUNTER PRESET.....	16
6-9) GT (Grand Total) PRESET	17
6-10) CALCULATION MODE PASSWORD PRESET	17
6-11) Z report PASSWORD PRESET.....	18
6-12) CLERK SECURITY PRESET.....	19
6-13) DEPARTMENT PROGRAMMING	20
6-14) PLU PROGRAMMING.....	21
6-15) SYSTEM OPTIONS PROGRAMMING	22
6-16) SELECTING CLASSIFICATION OF CAPTION	28
6-17) SELECTING CAPTION NUMBER.....	29
6-18) INPUTTING OF CHARACTER CODE.....	30
6-19) DEPARTMENT DUMP REPORT	33
6-20) PLU DUMP REPORT	34
6-21) SYSTEM DUMP REPORT.....	35
6-22) RESET OPERATION.....	36
6-23) TRAINING MODE.....	37
7) OPERATING NOTES.....	38
7-1) DATE DISPLAY & TIME DISPLAY & INFORM FOR EJ.....	40
7-2) SAMPLE RECEIPT.....	41
7-3) DEPARTMENT ENTRIES	43
7-4) PLU ENTRIES	44
7-5) (-) OPERATIONS.....	45
7-6) % KEY OPERATIONS	47
7-7) VOID KEY OPERATIONS.....	49
7-8) FULL VOID KEY OPERATIONS.....	50
7-9) MERCHANDISE RETURN OPERATIONS	51
7-10) RECEIVED ON ACCOUNT OPERATIONS	52
7-11) PAID OUT OPERATIONS	52
7-12) NON-ADD # PRINT OPERATIONS.....	53
7-13) NO SALE OPERATIONS	53
7-14) TENDERING OPERATIONS - Cash Tender	54

7-15) TENDERING OPERATIONS - Check Tender	55
7-16) TENDERING OPERATIONS - Charge Tender.....	56
7-17) CALCULATOR MODE	57
7-18) POST RECEIPT OPERATION	59
7-19) BUSINESS RECEIPT OPERATION (only Spanish & Portuguese & Catalan).....	Error! Bookmark not defined.
8) MANAGEMENT REPORT NOTES	60
8-1) FINANCIAL REPORT	60
8-2) Z2 AND X2 REPORT	62
8-3) PLU REPORT	64
8-4) CLERK REPORT	65
8-5) TRAINING REPORT.....	66
8-6) ELECTRIC JOURNAL REPORT (X, Z mode).....	68
8-7) FULL REPORT FOR EJ	69
8-8) OLDEST REPORT FOR EJ.....	72
8-9) LATEST REPORT FOR EJ	74
8-10) DAILY REPORT FOR EJ	77
8-11) MEMORY CLEAR FOR EJ	80
9) BALANCING FORMULAS	81
10) ERROR CODE.....	82

1) BASIC FEATURE

DEPARTMENT : 14 (dept shift)

PLU : Max. 400

CLERK : 8 Clerks

TAX : Value add TAX mode (4 VAT's)

EJ-MEMORY : Max. 2000 lines

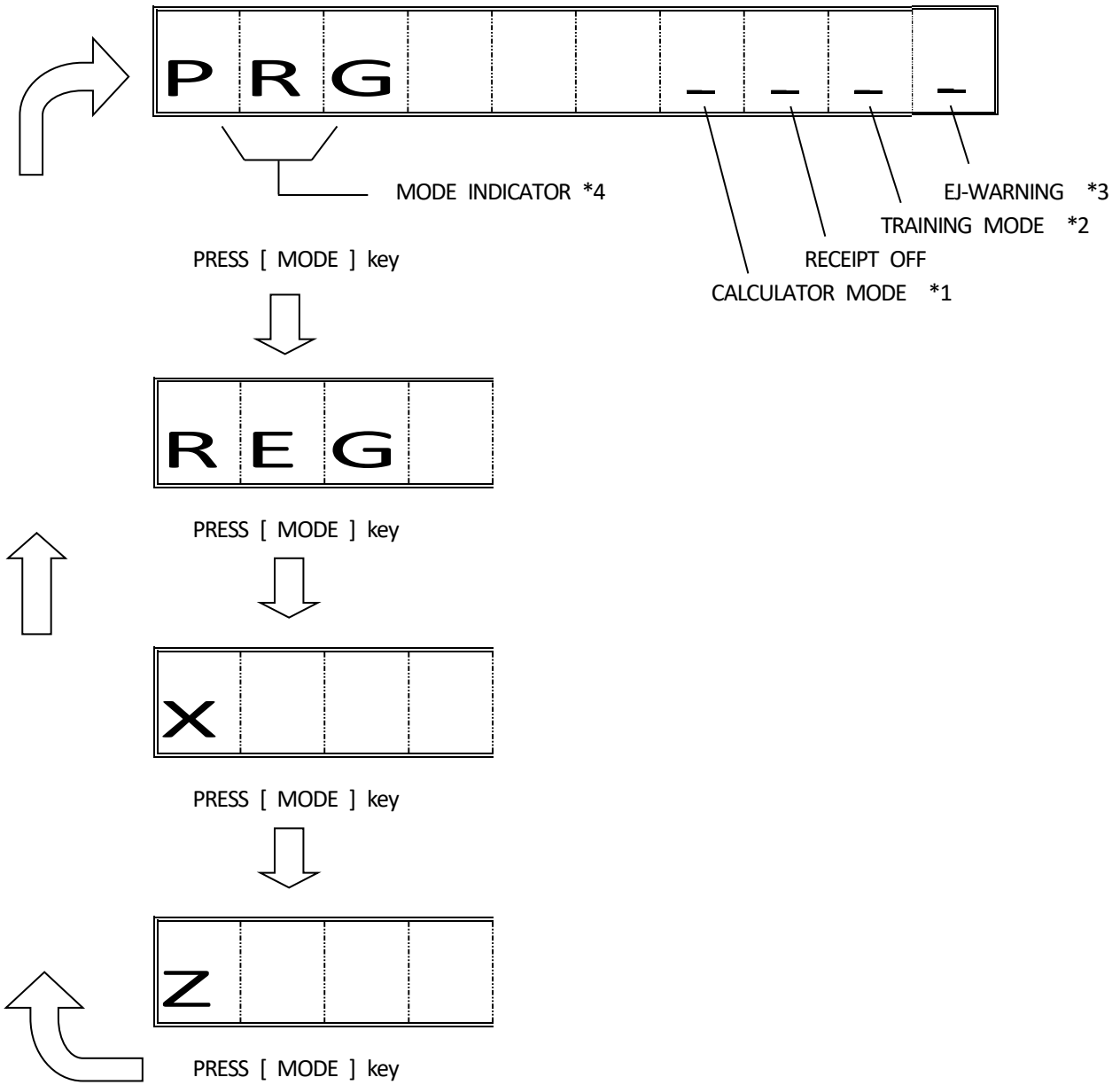
PAYMENT : Cash, Check, Charge

MANAGEMENT REPORT : X/Z Financial report
X/Z PLU report
X/Z Clerk report
X2/Z2 report
X/Z Training report
X/Z Full report for EJ
X/Z Oldest report for EJ
X/Z Latest report for EJ
X/Z Daily report for EJ

DISPLAY : ALPHA & Numeric(Union-Jack) Display (10 digits)

PRINTER : SII LTPZ225
TYPE OF PRINTER : LINE THERMAL PRINTER
PRINT SPEED : 5.2line/SECOND
Note: [DEPT01 1.00] data & 25°C
NUMBER OF COLUMNS : 24 COLUMNS
PAPER WIDTH : 57.5 ± 0.5mm
MCTF : About 6150000 LINES

DISPLAY



Note 1) Please refer to 7-17 CALCULATOR MODE for detail.

Note 2) When ECR is in TRAINING MODE, Indicator is lit in 8th digits of lower line.

Note 3) Please refer to 7-a BASIC EXPLAIN FOR ELECTRONIC JOURNAL for detail.

Note 4) Dupress the [MODE] key repeatedly, the operation mode will be switched in the order as above figure.

2) KEYBOARD LAYOUT

*B

PAPER FEED	REF POWER
VOID DEL	PLU
#/NS	X/TIME DW
MODE	C

7 @	8 ABC	9 DEF
4 GHI	5 JKL	6 MNO
1 PQRS	2 TUV	3 WXYZ
0 SP	00 "#	. ENT

4/11	DEPT SHIFT	%	CLERK R ON/OFF
3/10	7/14	(-/+)	CHECK /RA
2/9 X	6/13 ÷	SUB TOTAL	CHARGE /PO
1/8 +	5/12 -	TOTAL = R ISSUE	

*To change the operation mode, press MODE key repeatedly until appear the dsired mode indicator on the display.

*To turn off the machine, press and hold REF/POWER key more than 1second.

*To turn on the machine, press REF/POWER key or MODE key.

3) TOTALIZERS & COUNTERS

	Z/X		Z2/X2		TRAINING	
	TOTALIZERS	COUNTERS	TOTALIZERS	COUNTERS	TOTALIZERS	COUNTERS
DEPARTMENT 1-14	8(digits) x14	3(digits) x14	8(digits) x14	3(digits) x14	8(digits) x14	3(digits) x14
TAX AMOUNT	8 x 4	-	8 x 4	-	8 x 4	-
(-/+)	8 x 1	-	8 x 1	-	8 x 1	-
%	8 x 1	-	8 x 1	-	8 x 1	-
RETURN	8 x 1	-	8 x 1	-	8 x 1	-
VOID	8 x 1	-	8 x 1	-	8 x 1	-
RECEIVED ACCOUNT	8 x 1	3 x 1	8 x 1	3 x 1	8 x 1	3 x 1
PAID OUT	8 x 1	3 x 1	8 x 1	3 x 1	8 x 1	3 x 1
CASH	8 x 1	3 x 1	8 x 1	3 x 1	8 x 1	3 x 1
CHARGE	8 x 1	3 x 1	8 x 1	3 x 1	8 x 1	3 x 1
CHECK	8 x 1	3 x 1	8 x 1	3 x 1	8 x 1	3 x 1
CASH IN DRAWER	8 x 1	-	8 x 1	-	8 x 1	-
CHECK IN DRAWER	8 x 1	-	8 x 1	-	8 x 1	-
CHARGE IN DRAWER	8 x 1	-	8 x 1	-	8 x 1	-
GRAND TOTAL	10 x 1	-	-	-	-	-
NET SALES	8 x 1	-	8 x 1	-	8 x 1	-
GROSS SALES	8 x 1	-	8 x 1	-	8 x 1	-
NO SALE	-	3 x 1	-	3 x 1	-	3 x 1
Z1 COUNTER	-	3 x 1	-	-	-	-
Z2 COUNTER	-	-	-	3 x 1	-	-
PLU	8 x 400	3 x 400	-	-	-	-
CLERK	8 x 8	3 x 8	-	-	-	-

4) BASIC FEATURES AND FUNCTIONS, CONTINUED

Note) Electronic journal is called to "EJ" by following explain.

KEYBOARD, CONTINUED

- | | |
|-------------------|---|
| TOTAL
/R ISSUE | - The TOTAL key is used for cash tender transaction.
As the R ISSUE key, this is used to post receipt or multiple receipt. |
| CHARGE/PO | - The CHARGE key is used for charge tender transaction.
As the PO key, this is used to remove media from the cash drawer.
It carries its own total on the financial report. |
| CHECK/RA | - The CHECK key is used for check tender transaction.
As the RA key, this is used to record a media payment, or loan to the cash drawer.
The financial report records the received on account total. |
| C | - The Clear key will clear an entry made on the numeric keypad or X/TIM key before
it is finalized on a department or function key.
The Clear key is also used to clear error conditions. |
| PAPER FEED | - Depressing the PAPER FEED key will advance the receipt paper one line,
or continuously until the key is released. |
| REF/POWER | - The REF key is used for refund operation.
The financial report records the refund total.
As the POWERf key, this is also used to turn on/off the machine.
Press and hold the POWER key more than one second to turn off the machine.
Press the POWER key to turn on the machine also. |
| (-) | - The (-) key is used to subtract or addition an amount from the sale total.
The financial report records the (-) key total.
The (-) key can be used as (+) key by machine setup (default is subtraction) |
| % | - The % key is used to subtract or additional an amount from the sale total.
The financial report records the % key total.
The % key can be used as +% key by machine setup (default is -%) |
| SUB TOTAL | - The SUBTL key is used to calculate a subtotal during the transaction for number of items
that are to be individually discounted or increased by a fixed percentage. |
| 00, 0 - 9 | - Numerical keys. The numerical keys is used to input number. |
| . | - The DECIMAL POINT key used to enter decimal point. |
| PLU | - Price look up function. |
| X/TIME | - The X/TIME key is used to multiply department entries. |

- CLERK - The CLERK key is used for assign a clerk.
- VOID - The VOID key used to erase an incorrect entry operations.
The financial report records the void total.
Use to cancel full receipt after a subtotal.
- #/NS - #/NS key is used as a non-add key and prints up to 7-digits numeric entry on the receipt.
This entry will not add to any sales totals and will be used as no sales function.
- 1/8 – 7/14 - The DEPARTMENT key is used to select non-taxable sales at the pre-programmed tax rate.
- DEPT SHIFT - The DEPT SHIFT key is used for department entry.
- MODE - The MODE key is used to select an operation mode.

OPERATION MODE

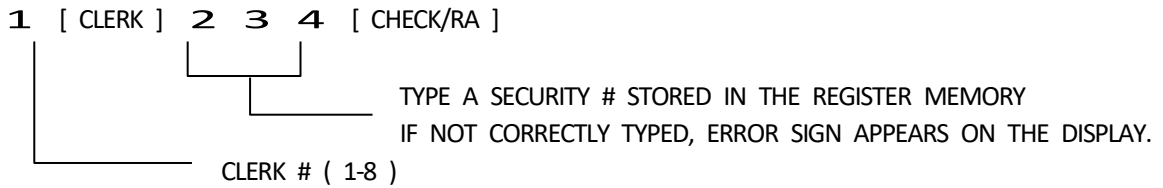
- OFF - The system is inoperable.
- REG - Registration mode. Papers are used as RECEIPT.
- X1/X2 - The X position is used for reading the daily and periodical financial report.
- Z1/Z2 - The Z position is used for reading the daily and periodical financial report and reset total to zero.
- PRG - The PRG position is used for all programming.

5) CLERK FUNCTION

Clerk codes has a special security feature to control access to the register.
The special security code can be set in register memory as individual code.
When clerk system is set to activatted, Clerk code must be assigned before operating in REG mode.
Even if the other mode is changed, the state of LOG IN is maintained.

5-1) TO ASSIGN A CLERK

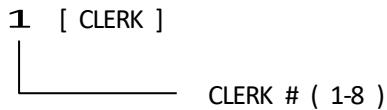
(REG MODE)



Asterisk sign will be shown instead of security#.

In the event that the Clerk Security Setting is set to 0 , Which means allow to enter clerk # only for starting transaction registration (for the Clerk that do not set any security code), user can enter Clerk # only, follow by the [Clerk] key.

For those clerk who have set security code, they must enter Clerk# together with 3 digits security code properly, once Clerk Function have been activated.



Note:

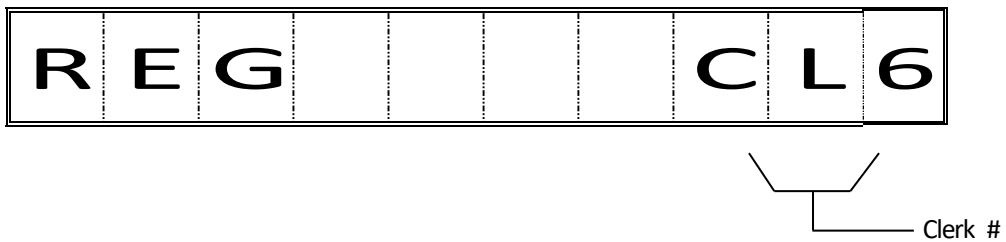
In the event that the Clerk Security Setting is set to 1, user must set 3 digits security codefor the clerk, before assign the clerk for transaction registration. For the Clerk # which do not set security code, the clerk# will not be able to assign for transaction registration.

“E5”is indicated at the time of Clerk assign error.

5-2) CLERK # ON DISPLAY

Clerk number displays when a clerk code is entered in REG1,REG2 mode and when clerk system is in operation.

Example: Clerk 6



* To cancel the clerk # currently assigned, log off a clerk or enter the new clerk #.

Note: The stayed assigned clerk code will be displayed like above by depressing [C] key in REG mode.

It is purpose of confirming current assigned clerk.

But, the confirming will work in idle condition (not during transaction) in REG mode.

5-3) LOG OFF A CLERK

(REG MODE)

9 [Clerk]

The state of LOG IN and when it is an idol, it is possible to operate it.

6) PROGRAMMING NOTES

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

ALL PROGRAMMING IS PERFORMED WITH THE PROGRAM MODE

Explanation of flow charts

This manual uses a flow chart system to illustrate programming procedures. Following are explanations for the symbols used.

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

The square brackets indicate that depressing one of the function keys is necessary. []

[*] : default value.

6-1) LANGUAGE SELECTION

At the time of the initial state.

You can select the language by [# / NS] key.

LANGUAGE ? : ENGLISH
LANGUE ? : FRENCH
SPRACHE ? : GERMAN
TAAL ? : DUTCH

Then, you can fix the language by [Total] key.

Note) Without language selection, ECR do not proceed next operation.

6-2) DATE PROGRAMMING

Enter the date in the sequence day, month, and year.

Depress the # / NS (NO SALE) key.

(day) (month) (year) - [# / NS]

* day : 01-31 default: 01
* month : 01-12 default: 01
* year : 00-99 (2000-2099) default: 00

Example :

(260113) - [# / NS]

DATE	26-01-2013
------	------------

Note) Program a date format according to system option 1.

6-3) TIME PROGRAMMING

Enter the hour and minutes in military standard time. Depress the qty/time key.
(Example : 1:00pm = 13:00 hours.)

(TIME)-[X/TIME]

- * hour : 0-23 default: 00
- * minute : 00-59 default: 00

Example :

(1300) - [X/TIME]

TIME	13:00
------	-------

6-4) % KEY PROGRAMMING

(rate) - (sign) - [%]

* rate : 0 - 9999 (0 - 99.99%) default: 0

* sign : 0 - 1

0 = plus (+)

1 = minus (-) [*]

Example :

rate = 10%, sign = plus

(10000) - [%]

ADD ON	10.00%
--------	--------

rate = 20%, sign = minus

(20001) - [%]

DISCOUNT	20.00%
----------	--------

6-5) (-) KEY PROGRAMMING

(amount) - (sign) - [(-)]

* amount : 0 - 9999999 default: 0

* sign : 0 - 1

0 = plus (+)

1 = minus (-) [*]

Example :

amount = 100, sign = plus

(1000) - [(-)]

ADD ON	1.00
--------	------

amount = 200, sign = minus

(2001) - [(-)]

COUPON	2.00
--------	------

6-7) INVOICE NUMBER PRESET (only Spanish & Portuguese & Catalan)

(666777) - [TOTAL] - (invoice#) - [CHECK/RA] → Normal INVOICE NUMBER

(666888) - [TOTAL] - (invoice#) - [CHECK/RA] → Return INVOICE NUMBER

* invoice# : 00001 - 99999

Not printed.

6-8) CONSECUTIVE RECEIPT NUMBER PRESET

(666666) - [TOTAL] - (consecutive#) - [CHECK/RA]

* consecutive# : 1 – 9999

* consecutive# : 1 – 99999 (only Spanish & Portuguese & Catalan)

Not printed.

6-9) Z1/Z2 COUNTER PRESET

(1) Z1 counter preset

(1) - (Z1 counter) - [CHECK/RA]

* Z1 counter : 0001 - 9999

Not printed.

(2) Z2 counter preset

(2) - (Z2 counter) - [CHECK/RA]

* Z2 counter : 0001 - 9999

Not printed.

6-10) GT (Grand Total) PRESET

(777777) - [TOTAL] - (Grand Total) - [CHECK/RA]

* Grand Total : 0 - 9999999999 (max.10 digits)

Not printed.

6-11) CALCULATION MODE PASSWORD PRESET

(111111) - [TOTAL] - (password) - [SUB TOTAL]

* password : 0000 - 9999 (default value = 0000 : No protection)

Example : password =1234

(111111) - [TOTAL] - (1234) - [SUB TOTAL]

CALC. PASS	1234
------------	------

Note) In [Password] not setting up, CAL operation cannot be performed.

6-12) Z report PASSWORD PRESET

(222222) - [TOTAL] - (password) - [SUB TOTAL]

* password : 0000 - 9999 (default value = 0000 : No protection)

Example : password =1234

(222222) - [TOTAL] - (1234) - [SUB TOTAL]

Z-REP PASS	1234
------------	------

6-13) CLERK SECURITY PRESET

(Clerk#) - [CLERK] - (status) - [CHECK/RA] - (security#) - [SUB TOTAL]

* CLERK# : 1 - 8

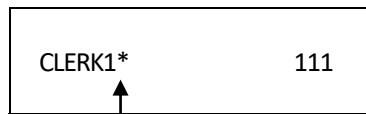
* status = 0 - 1

0 = Normal clerk [*]
1 = Training mode clerk

* security# : 000 – 999 default : 000

Example : Clerk# : 1, status : 1, security# : 111

(1) - [CLERK] - (1) - [CHECK/RA] - (111) - [SUB TOTAL]



“*” is not printed at normal clerk.

6-14) DEPARTMENT PROGRAMMING

(status) - [CHECK/RA] - (price) - [DEPARTMENT]

* status = (1st entry) - (2nd entry)

1st entry : 0 - 3 (type)

- 0 = Positive & Normal department [*]
- 1 = Positive & Single item department
- 2 = Negative & Normal department
- 3 = Negative & Single item department

2nd entry : 00 - 04 (Tax status)

- 00 = Non-Taxable [*]
- 01 = Taxable 1
- 02 = Taxable 2
- 03 = Taxable 3
- 04 = Taxable 4

* price : 0 - 9999999 (0 - 99999.99)

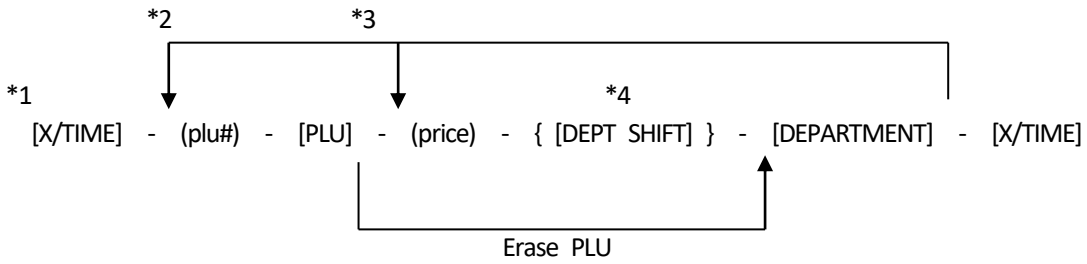
Example :

DEPT01 : type = 0, Tax = 01, price = 100

(001) - [CHECK/RA] - (100) - [1/8]

DEPT01	ST.0	1.00T1
--------	------	--------

6-15) PLU PROGRAMMING



- *1 Enter to program PLU item price
- *2 After you press the [DEPT] key, you can loop back and start programming for another PLU by inputting a new PLU number.
- *3 After you press the [DEPT] key, you can loop back and input preset price, which will be assigned to the next PLU.
- *4 Linked department is changed.

- * plu# : 1 - 400
- * price : 0 - 9999999 (0 - 99999.99)

Example :

PLU#001 : price = 100, Link dept = DEPT01

[X/TIME] - (1) - [PLU] - (100) - [1/8] - [X/TIME]

PLU0001	LD.01	1.00
---------	-------	------

Delete of PLU#001 :

[X/TIME] - (1) - [PLU] - [1/8] - [X/TIME]

PLU0001	LD.--	
---------	-------	--

6-16) SYSTEM OPTIONS PROGRAMMING

(option#) - (status) - [VOID]

*option# : 1 - 90 *status : 0 - 9

1 : Date Display/Print format	0 : "DD-MM-20YY (day-month-year)" [*] 1 : "MM-DD-20YY (month-day-year)"
2 : Time Display/Print format Note 1)	0 : 24-Hour [*] 1 : 12-Hour
3 : Decimal Point position	0 : X 1 : X.X 2 : X.XX [*] 3 : X.XXX
4 : Electronic Journal activity	0 : Dynamic [*] 1 : Standard
5 : Electric Journal input mode	0 : Sales receipt Only [*] 1 : Full registration
6 : Warning beep for nearly full of EJ memory will be at the start of transaction Note 2)	0 : Non sound [*] 1 : Sound
7 : Warning beep for nearly full of EJ memory will be at the end of transaction Note 2)	0 : Non sound [*] 1 : Sound
*B	
8 : Clerk System activity Note 3)	0 : Inactive[*] 1 : Active
9 : Clerk security code compulsory	0 : Not compulsory [*] 1 : Compulsory
10 : Clerk login at each transaction compulsory	0 : Not compulsory [*] 1 : Compulsory
11 : 0 price registration activity	0 : Active [*] 1 : Inactive
12 : TAX calculation mode	0 : Reserved 1 : Add-on TAX 2 : VAT calculation [*]

13 : Fraction Rounding mode	0 : Round Down 1 : Round Off (5/4) [*] 2 : Round Up
14 : European Rounding mode Note 4)	0 : No European rounding [*] 1 : Switzerland rounding 2 : Danish rounding
15 : Reserved	
16 : Multiple receipt activity	0 : Active [*] 1 : Inactive
17 : Drawer Open when NO SALE function activity	0 : Active (open) [*] 1 : Inactive (not open)
18 : Consecutive# update on NO SALE receipt activity	0 : Active (update) [*] 1 : Inactive (not update)
19 : Zero-skip on Z1/Z2 report activity	0 : Active [*] 1 : Inactive
20 : Consecutive# reset after Z1 report activity	0 : Inactive [*] 1 : Active
21 : Grand Total reset after Z1 report activity	0 : Inactive [*] 1 : Active
22 : Z1/Z2 counter reset after Z1 report activity	0 : Inactive [*] 1 : Active
23 : Line distance mode	0 : 0.50mm 1 : 0.75mm 2 : 1.00mm 3 : 1.25mm [*] 4 : 1.50mm 5 : 1.75mm 6 : 2.00mm 7 : 2.25mm 8 : 2.50mm 9 : 2.75mm
24 : Printer FONT size mode	0 : Normal size [*] 1 : Small size
25 : EJ report print mode	0 : Normal 1 : Compressed [*]

26 : Consecutive# update after report activity	0 : Active (update) [*] 1 : Inactive (not update)
27 : Power save mode Note 5)	0 : Power save mode doesn't function. 1 : When the time of 15 mn passes in the state of the idol, it becomes power save mode. [*] 2 : When the time of 30 mn passes in the state of the idol, it becomes power save mode. 3 : When the time of 60 mn passes in the state of the idol, it becomes power save mode.
28 : Reserved	
29 : Reserved	
30 : Date print activity	0 : Active (print) [*] 1 : Inactive (not print)
31 : Time print activity	0 : Active (print) [*] 1 : Inactive (not print)
32 : Consecutive# print activity	0 : Active (print) [*] 1 : Inactive (not print)
33 : Subtotal print when "SUBTL"key pressed activity	0 : Active (print) [*] 1 : Inactive (not print)
34 : Tax symbol at right hand side of amount print activity	0 : Active (print) [*] 1 : Inactive (not print)
35 : TAX details print position	0 : After tender amount [*] 1 : Before total amount
36 : TAX amount split per rate print activity	0 : Active (print) [*] 1 : Inactive (not print)
37 : Total TAX amount print activity	0 : Active (print) 1 : Inactive (not print) [*]
38 : Taxable amount split per rate print activity	0 : Active (print) 1 : Inactive (not print) [*]
39 : Total taxable amount print activity	0 : Active (print) 1 : Inactive (not print) [*]
40 : Taxable amount out of TAX split per rate print activity	0 : Active (print) 1 : Inactive (not print) [*]

41 : Total taxable amount out of TAX print activity	0 : Active (print) 1 : Inactive (not print) [*]
42 : NO SALE receipt print activity	0 : Active (print) [*] 1 : Inactive (not print)
43 : X/Z report header print activity	0 : Active (print) [*] 1 : Inactive (not print)
44 : Z1/Z2 counter on Z1/Z2 report print activity	0 : Active (print) [*] 1 : Inactive (not print)
45 : GT on Z1/Z2 report print activity	0 : Active (print) [*] 1 : Inactive (not print)
46 : PAYMENT MEDIA counter on Z1/Z2 report print activity	0 : Active (print) [*] 1 : Inactive (not print)
47 : NO SALE counter on Z1/Z2 report print activity	0 : Active (print) [*] 1 : Inactive (not print)
48 : VOID TOTAL on Z1/Z2 report print activity	0 : Active (print) [*] 1 : Inactive (not print)
49 : REFUND TOTAL on Z1/Z2 report print activity	0 : Active (print) [*] 1 : Inactive (not print)
50-52 : Reserved	
53 : Symbol of local currency	0 : No print 1 : Print € [*] 2 : Print ₤
54-89 : Reserved	

***** <<< ATTENTION!! >>> When this setting is changed, it shifts automatically to B-RESET. *****

90 : Language select

0 : English [*]

1 : Reserved

2 : French

3 : German

4 : Dutch

91 : Memory sharing

0 : 0 PLU, 2000 EJ lines

1 : 200 PLU, 1800 EJ lines [*]

2 : 300 PLU, 1700 EJ lines

3 : 400 PLU, 1600 EJ lines

Note 1)

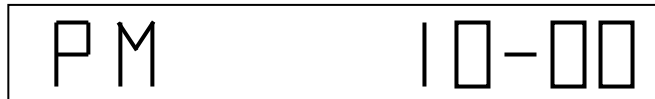
When "12 hour indication" is selected, it will be displayed and printed as shown below.

Display

AM 10:00



PM 10:00



Print

AM 10:00



PM 10:00



Note 2) nearly full → The number of the remaining lines is after 300.

Note 3) When the clerk system is mode "inactive", you can operate machine without assigning a in the case,the clerk name will not be printed in a head-print. Clerk report, however, can be issued.

Note 4) When European rounding is selected, the payment value is rounded as following method. Rounding is performed when press total key or subtotal key.

Switzerland Rounding :
0.01 – 0.02 = 0.00
0.03 – 0.07 = 0.05
0.08 – 0.09 = 0.10

Danish Rounding :
0.00 – 0.24 = 0.00
0.25 – 0.74 = 0.50
0.75 – 0.99 = 1.00

Note 5)

When power save mode functions, the display is turning off. It returns by pressing any key.

6-17) SELECTING CLASSIFICATION OF CAPTION

	DISPLAY		
	<input type="text" value="0"/>	<---	Normal programming mode
[#/NS]	<input type="text" value="P L 0 0 0 1"/>	<---	PLU caption programming mode
[#/NS]	<input type="text" value="D P 0 1"/>	<---	Department caption programming mode
[#/NS]	<input type="text" value="C L 1"/>	<---	Clerk caption programming mode
[#/NS]	<input type="text" value="P Y 1"/>	<---	Payment name programming mode
[#/NS]	<input type="text" value="H D 1"/>	<---	Header message programming mode
[#/NS]	<input type="text" value="F T 1"/>	<---	Footer message programming mode
[#/NS]	<input type="text" value="0"/>	<---	Return to normal programming mode

Note) Even in programming sequence, you can exit the programming by pressing TOTAL key.

6-18) SELECTING CAPTION NUMBER

Presetting PLU caption

	DISPLAY	
[#/NS]	<input type="text" value="P L 0 0 0 1"/>	<--- PLU caption programming mode
[1/8]	<input type="text" value="P L 0 0 0 2"/>	} Increment PLU number
[1/8]	<input type="text" value="P L 0 0 0 3"/>	
[5/12]	<input type="text" value="P L 0 0 0 2"/>	<--- Decrement PLU number

Area of caption number per classification of caption

PLU	: 1 - 400
Department	: 1 - 14
Clerk	: 1 - 8
Payment name	: 1 - 3
Header message	: 1 - 6
Footer message	: 1 - 4

6-19) INPUTTING OF CHARACTER CODE

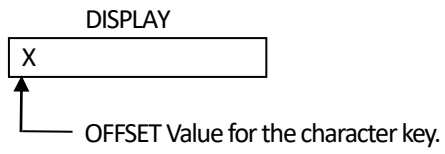
Character Key

Numeric keys are working as character key like following character in mode of caption programming.
 Each numeric key has several character code. Those are selected by depressing the same key automatically updated.
 When the code reach to the end of assigned code, the selected code goes to first character code again.
 It's means to cyclic choice.

OFFSET Key	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7
00	0	!	"	#	\$	%	&	'	()	*	+	,	-	.	/	:	;	<	=	>	?						
1	P	Q	R	S	p	q	r	s	1	Š	Š	·	p	·	š													
2	T	U	V	t	u	v	2	Ú	Ů	Ů	Ů	Ů	Ů	Ů	Ů	Ů	Ů	Ů	Ů	Ů	Ů	Ů	Ů	Ů	Ů	Ů	Ů	Ů
3	W	X	Y	Z	w	x	y	z	3	Ý	Ž	Ž	ž	ž														
4	G	H	I	g	h	i	4	Ĝ	Ĝ	Ī	Ī	Ī	Ī	Ī	Ī	Ī	Ī	Ī	Ī	Ī	Ī	Ī	Ī	Ī	Ī	Ī	Ī	Ī
5	J	K	L	j	k	l	5	Ł	ł																			
6	M	N	O	m	n	o	6	Ń	Ń	Ó	Ó	Ó	Ó	Ó	Ó	Ó	Ó	Ó	Ó	Ó	Ó	Ó	Ó	Ó	Ó	Ó	Ó	Ó
7	7	@	[	\	\]	^	_	{	|	}	~	i	š	→	←	Σ	∅	Æ	Œ	·	¿	I	II	III	「	」	↑	·
8	A	B	C	a	b	c	8	Á	Á	Ā	Ā	Ā	Ā	Ā	Ā	Ā	Ā	Ā	Ā	Ā	Ā	Ā	Ā	Ā	Ā	Ā	Ā	Ā
9	D	E	F	d	e	f	9	Đ	Đ	Ē	Ē	Ē	Ē	Ē	Ē	Ē	Ē	Ē	Ē	Ē	Ē	Ē	Ē	Ē	Ē	Ē	Ē	Ē

Control Key for character inputting

- [DW] —— Double width character selected.
 Double width need to inputting forward to the character.
- [SP] —— Space code entry using.
- [DEL] —— Deleting character code entry like back-space of PC.
- [ENT] —— Programmed to the caption by entered character.



Ex:

- (5)

0	J
---	---
- (5)

1	K
---	---
- (5)

2	L
---	---
- (5)

3	j
---	---
- (5)

4	k
---	---
- (5)

5	l
---	---
- (5)

6	5
---	---
- (5)

7	Ł
---	---
- (5)

8	†
---	---
- (5)

0	J
---	---

Ex: PLU0001 caption presetting.

	DISPLAY	
[#/NS]	P L O O 0 1	<--- PLU# 0001 caption programming mode
(8)	0 A	
(1)	0 AP	
(.)	AP	
(1)	0 APP	
(5)	0 APPJ	
(5)	1 APPK	
(5)	2 APPL	
(9)	0 APPLD	
(9)	1 APPLE	
[CHECK]	P L O O 0 2	<--- Set PLU#0001 caption. Caption number will be accumulated by one after presetting. "SPACE" can be applied in case of less than max. digits of caption

PLU0001 APPLE

Max. number of character digits per classification.

PLU	: 12 digits
Department	: 12 digits
Clerk	: 12 digits
Payment name	: 12 digits
Header message	: 24 digits
Footer message	: 24 digits

6-20) DEPARTMENT DUMP REPORT

(888888) - [TOTAL]

DEPT#01 NAME -->	DEPT01	ST.0	--> STATUS
	BOOK	1.00T1	--> PRICE & TAX#
	DEPT02	ST.0	
	PAPER	2.00T2	
		
	DEPT13	ST.1	
	NOTEBOOK	1.00T1	
	DEPT14	ST.1	
	PEN	2.00T2	

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

6-21) PLU DUMP REPORT

[PLU]

PLU#001 NAME -->	PLU0001	LD.01	--> LINK DEPT#
	APPLE	1.00	--> PRICE
	PLU0002	LD.02	
	MELON	2.00	
	PLU0003	LD.03	
	ORANGE	3.00	
	PLU0004	LD.04	
	LEMON	4.00	

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

6-22) SYSTEM DUMP REPORT

(999999) - [TOTAL]

12:00	14-07-2013		--> TIME & DATE
SYS OPT	01-0		SYSTEM OPTIONS
SYS OPT	02-0		
		
SYS OPT	91-1		
ADD ON	10.00%		--> % RATE
COUPON	2.00 1		--> (-/+) AMOUNT
TAX RATE 1	0.000T1		TAX RATE
TAX RATE 2	0.000T2		
TAX RATE 3	0.000T3		
TAX RATE 4	0.000T4		
CASH	CASH		--> Cash name
CHECK	CHECK		--> Check name
CHARGE	CHARGE		--> Charge name
CALC. PASS	0000		--> CAL SECURITY
Z-REP PASS	0000		--> Z SECURITY
CLERK1* KEN		111	CLERK (" * " is not printed at normal clerk.)
CLERK2* JOHN		222	
		
CLERK8 MIE		000	

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

6-23) RESET OPERATION

Continuously depress [C] and [REF/POWER] key together for 3 sec or more - (nnn)

DISPLAY O

- * n = 999 A-reset
- n = 777 B-reset
- n = 333 C-reset
- n = 111 D-reset

Note) If the wrong number is entered, clear number by the [C] key and select number again.

a) A-reset : FULL RESET ALL DATA

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

<<< RESET A >>>

b) B-reset : FULL RESET W/O LANGUAGE

All working memory, all report data, all program data without language will be cleared.

<<< RESET B >>>

c) C-reset : FULL REPORTS RESET

All working memory, all report data will be cleared.

<<< RESET C >>>

d) D-reset : PARTIAL RESET

All working memory will be cleared, after that, return to idle status

<<< RESET D >>>

6-24) TRAINING MODE

This cash register can be programmed to enable to operate this register under training mode. Even if transaction data are entered 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.

a) Key entry sequence to enter training mode is :

(PRG Mode)

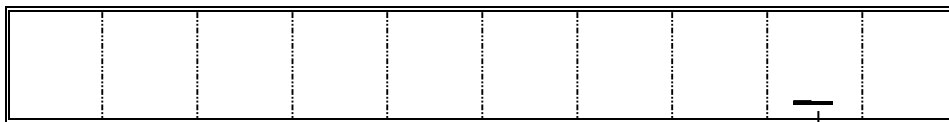
(55555) - [TOTAL]

b) Key entry sequence to terminate training mode is :

(PRG Mode)

(55555) - [TOTAL]

DISPLAY



— : TRAINING MODE (ON)
□ : NORMAL MODE (OFF)

7) OPERATING NOTES

This section gives information regarding the operation.

ALL OPERATIONS ARE PERFORMED WITH THE CONTROL SWITCH IN THE REG MODE

The term 'department entry' is used in many times in the operating sequences.

This refers to a normal department entry - remember that an amount must be entered via the numeric keypad before depression of a department key.

An error prompt is shown as the symbol 'E' which will appear on the display, accompanied by an error tone which is cleared by depressing the Clear key.

An error prompt may indicate an incorrect key sequence has been made, or a compulsory function has not been performed.

7-a) Basic Explain for electronic journal

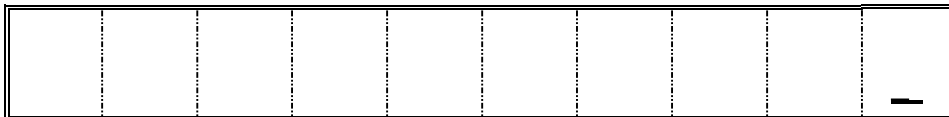
This ECR has MAX 2000 lines for electronic journal memory.

Those are used for REG mode transaction and Z financial report.

Therefore, the other transaction like X report and programming dump report will not be buffered to electronic journal memory.

Warning indicater for Nearly full of EJ

"_" marks that is in most right side on the display shows to nearly full of EJ buffer.



7-b) In case of Nearly full of EJ in REG mode

When the EJ memory is nearly full, the indicator of 1st digit will be lit.
Warning beep (about 2 seconds) will be sound by programmable option.
Those are two options. Those options are decided to sound timing.
One is sound at the end of transaction. The other is sound at the start of transaction.

Note) Nearly full means to less than 300 lines for remaining in buffer memory.

7-c) In case of Full of EJ in REG mode

When the EJ memory is full, the message will be displayed as [E.J.-FULL].
And, the warning beep (about 2 seconds) will be sound.
That message will be displayed at the start of transaction.
At that time, ECR will wait some input.
If [CLEAR] key is inputted, the transaction will be able to started.
The transaction will not be buffered to EJ memory and Consecutive counter will not be updated in that case.
If [Void] key is inputted, the transaction will be escaped.

Note) Full memory means to less than 100 lines for remaining in buffer memory.

Example:

100 [1/8] ----> Display [E.J.-FULL]
 [C] ----> Transaction start

Transaction data will not be buffered to EJ memory, and consecutive counter will not be updated.

100 [1/8] ----> Display [E.J.-FULL]
 [VOID] ----> Display [0.00]

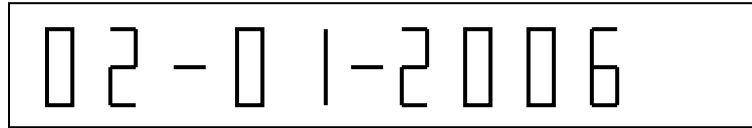
Transaction will be escaped.

7-1) DATE DISPLAY & TIME DISPLAY & INFORM FOR EJ

A) DATE DISPLAY

[X/TIME]

02-01-2006



Note : The date can be displayed outside of a sale only.

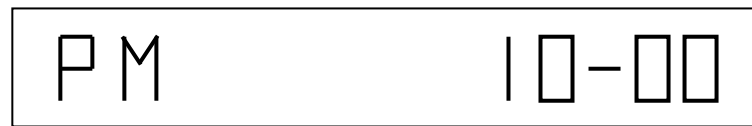
B) TIME DISPLAY

[X/TIME]

AM 10:00



PM 10:00



Note : The time can be displayed outside of a sale only.

C) INFORM FOR EJ

[X/TIME]



Note 1 : When EJ function is working, the quantity of EJ free spaces is displayed on the 1st digit through4 digit like above.

Note 2 : Inform for EJ can be displayed outside of a sale only.

Note) Above three functions are switched by depressing [X/TIME] as toggled.

7-2) SAMPLE RECEIPT

Example 1) Sample receipt

	* YOUR RECEIPT *			} HEADER MESSAGE (Max. 6 lines) STANDARD CHARACTER 24/characters DOUBLE CHARACTER 12/characters
	* THANK YOU *			
	* *			

CLERK -->	CLERK01	13:00	-->	TIME
DATE -->	14-07-2013	0002	-->	CONSECUTIVE NUMBER
DEPARTMENT -->	DEPT 01	€10.00T1	-->	TAXABLE 1 DEPARTMENT
CAPTION	DEPT 02	€20.00T2	-->	TAXABLE 2 DEPARTMENT
	DEPT 03	€30.00T3	-->	TAXABLE 3 DEPARTMENT
	DEPT 04	€40.00T4	-->	TAXABLE 4 DEPARTMENT
	DEPT 05	€50.00	-->	NON-TAXABLE DEPARTMENT
	<hr/>			
	SUBTOTAL	€150.00	-->	SUBTOTAL
	<hr/>			
	TOTAL	€150.00	-->	TOTAL
	CASH	€200.00	-->	CASH AMOUNT
	CHANGE	€50.00	-->	CHANGE
	~~~~~			
	/ HAVE A NICE DAY /		} FOOTER MESSAGE (Max. 4 lines) STANDARD CHARACTER ..... 24/characters DOUBLE CHARACTER ..... 12/characters	
	/ PLEASE COME AGAIN /			
	~~~~~			

Example 2) Receipt with TAX printing

	* YOUR RECEIPT *		} HEADER MESSAGE (Max. 6 lines) STANDARD CHARACTER 24/characters DOUBLE CHARACTER 12/characters
	* THANK YOU *		

CLERK ->	CLERK01	13:00	-> TIME
DATE ->	14-07-2013	0002	-> CONSECUTIVE NUMBER
DEPARTMENT ->	DEPT 01	€10.00T1	-> TAXABLE 1 DEPARTMENT
CAPTION	DEPT 02	€20.00T2	-> TAXABLE 2 DEPARTMENT
	DEPT 03	€30.00T3	-> TAXABLE 3 DEPARTMENT
	DEPT 04	€40.00T4	-> TAXABLE 4 DEPARTMENT
	DEPT 05	€50.00	-> NON-TAXABLE DEPARTMENT
	<hr/>		
	SUBTOTAL	€150.00	-> SUBTOTAL
	TAX1 10%	€0.91	} TAX AMOUNT
	TAX2 20%	€3.33	
	TAX3 30%	€6.92	
	TAX4 40%	€11.43	
	TOTAL-TAX	€22.59	-> TAX AMOUNT TOTAL
	TXBL_O_1 10%	€9.09	} TAXABLE SALES WITH OUT TAX
	TXBL_O_2 20%	€16.67	
	TXBL_O_3 30%	€23.08	
	TXBL_O_4 40%	€28.57	
	TXBL_TL_0	€77.41	-> TAXABLE SALES TOTAL WITH OUT TAX
	TXBL_W_1 10%	€10.00	} TAXABLE SALES WITH TAX
	TXBL_W_2 20%	€20.00	
	TXBL_W_3 30%	€30.00	
	TXBL_W_4 40%	€40.00	
	NON TAX	€50.00	-> NON TAXABLE TOTAL
	TXBL_TL_W	€150.00	-> TAXABLE SALES TOTAL WITH TAX
	<hr/>		
	TOTAL	€150.00	-> TOTAL
	CASH	€200.00	-> CASH AMOUNT
	CHANGE	€50.00	-> CHANGE
	~~~~~		
	/ HAVE A NICE DAY /		} FOOTER MESSAGE (Max. 4 lines) STANDARD CHARACTER ..... 24/characters DOUBLE CHARACTER ..... 12/characters
	/ PLEASE COME AGAIN /		
	~~~~~		

7-3) DEPARTMENT ENTRIES

Department entries can be made with a maximum 7 digits amount entry.

Single Department Entry

enter amount () - [DEPARTMENT]

Repeat Department Entry

enter amount () - [DEPARTMENT]

[DEPARTMENT]

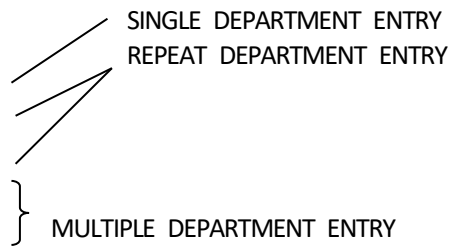
Multiple Department Entry

enter quantity () - [X/TIME]
(0.001 - 99.999)

enter amount () - [DEPARTMENT]

{ TENDER }

```
*****
*   YOUR RECEIPT   *
*   THANK YOU     *
*                 *
*****
CLERK01          13:00
14-07-2013       0002
DEPT 01          €1.00T1
DEPT 02          €2.00T2
DEPT 02          €2.00T2
DEPT 03
 2x @3.00       €6.00T3
-----
TOTAL          €11.00
CASH             €11.00
-----
TAX1 10%        €0.09
TAX2 20%        €0.67
TAX3 30%        €1.38
~~~~~
/  HAVE A NICE DAY  /
/  PLEASE COME AGAIN /
~~~~~
```



7-4) PLU ENTRIES

Preset price PLU entry

enter PLU # () - [PLU]

Multiple PLU Entry

enter quantity () - [X/TIME]
(0.001 - 99.999)

enter PLU # () - [PLU]

{ TENDER }

* YOUR RECEIPT *	
* THANK YOU *	
* *	

CLERK01 13:00	
14-07-2013 0002	
PLU 0001 €1.00	— SINGLE PLU ENTRY
PLU 0002	} MULTIPLE PLU ENTRY
2x @2.00 €4.00	

TOTAL €5.00	
CASH €5.00	
~~~~~	
/    HAVE A NICE DAY    /	
/    PLEASE COME AGAIN   /	
~~~~~	

7-5) (-) OPERATIONS

The sign and amount can be programming.

Item (-) Key Entries

{ DEPARTMENT ENTRY }

{ DEPARTMENT ENTRY }

enter amount () - [(-)]
(1 - 9999999)

{ TENDER }

```
*****
*   YOUR RECEIPT   *
*   THANK YOU     *
*                   *
*****
CLERK01           13:00
14-07-2013        0002
DEPT 01           €10.00T1
DEPT 02           €20.00T2
COUPON            €-3.00
-----
TOTAL           €27.00
CASH              €27.00
-----
TAX1 10%          €0.91
TAX2 20%          €2.83
~~~~~
/   HAVE A NICE DAY   /
/   PLEASE COME AGAIN /
~~~~~
```

--> (-) AMOUNT

Sale (-) Key Entries

{ DEPARTMENT ENTRY }

{ DEPARTMENT ENTRY }

[SUB TOTAL]

enter amount () - [(-)]
(1 - 9999999)

{ TENDER }

```
*****
*   YOUR RECEIPT   *
*   THANK YOU     *
*                   *
*****
CLERK01           13:00
14-07-2013        0002
DEPT 01           €10.00T1
DEPT 02           €20.00T2
-----
SUBTOTAL          €30.00
COUPON            €-3.00
-----
TOTAL           €27.00
CASH              €27.00
-----
TAX1 10%         €0.82
TAX2 20%         €3.00
~~~~~
/  HAVE A NICE DAY  /
/  PLEASE COME AGAIN /
~~~~~
```

--> (-) AMOUNT

7-6) % KEY OPERATIONS

The sign and rate can be programming.

Sale (-%)

{ DEPARTMENT ENTRY }

{ DEPARTMENT ENTRY }

[SUB TOTAL]

enter percent rate (1 - 4 digits) - [%]
(0.01 - 99.99%)

{ TENDER }

```
*****
*   YOUR RECEIPT   *
*   THANK YOU     *
*                   *
*****
CLERK01           13:00
14-07-2013        0002
DEPT 01           €10.00T1
DEPT 02           €20.00T2
-----
SUBTOTAL          €30.00
DISCOUNT         10.00%
                  €-3.00
-----
TOTAL          €27.00
CASH              €27.00
-----
TAX1 10%          €0.82
TAX2 20%          €3.00
~~~~~
/  HAVE A NICE DAY  /
/  PLEASE COME AGAIN /
~~~~~
```

--> PERCENT RATE
--> AMOUNT

Item (-%)

{ DEPARTMENT ENTRY }

{ DEPARTMENT ENTRY }

enter percent rate (1 - 4 digits) - [%]
(0.01 - 99.99%)

{ TENDER }

```
*****  
*   YOUR RECEIPT   *  
*   THANK YOU     *  
*                 *  
*****  
CLERK01           13:00  
14-07-2013        0002  
DEPT 01           €10.00T1  
DEPT 02           €20.00T2  
DISCOUNT         5.00%  
                  €-1.00  
DEPT 03           €30.00T3  
  
-----  
TOTAL           €59.00  
CASH              €59.00  
  
-----  
TAX1 10%          €0.91  
TAX2 20%          €3.17  
TAX3 30%          €6.92  
~~~~~  
/   HAVE A NICE DAY   /  
/   PLEASE COME AGAIN /  
~~~~~
```

--> PERCENT RATE
--> AMOUNT

7-7) VOID KEY OPERATIONS

The VOID key is used for error correct operations inside of a sale.

```
{ DEPARTMENT ENTRY }
{ DEPARTMENT ENTRY }
[   VOID   ]
```

Void of Non-last item entry

```
{ DEPARTMENT ENTRY }
{ DEPARTMENT ENTRY }
[   C   ]
[   VOID   ]
{ INCORRECT DEPT ENTRY }
{   TENDER   }
```

* YOUR RECEIPT *	
* THANK YOU *	
* *	

CLERK01	13:00
14-07-2013	0002
DEPT 01	€10.00T1
DEPT 02	€20.00T2
VOID/CORR	
DEPT 02	€-20.00T2 --> LAST ITEM VOID
DEPT 03	€30.00T3
DEPT 04	€40.00T4
VOID/CORR	
DEPT 03	€-30.00T3 --> NON LAST ITEM VOID
<hr/>	
TOTAL	€50.00
CASH	€50.00
<hr/>	
TAX1 10%	€0.91
TAX4 40%	€11.43
~~~~~	
/ HAVE A NICE DAY /	
/ PLEASE COME AGAIN /	
~~~~~	

7-8) 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]

[SUB TOTAL]

[VOID]

* YOUR RECEIPT *	
* THANK YOU *	
* *	

CLERK01	13:00
14-07-2013	0002
DEPT 01	€10.00T1
DEPT 02	€20.00T2
DEPT 03	€30.00T3
DEPT 04	€40.00T4
<hr/>	
SUBTOTAL	€100.00
///// FULL VOID /////	--> FULL VOID MESSAGE

Note) When the number of items in a transaction exceed 100 items, a full void operation cannot be performed.

7-9) MERCHANDISE RETURN OPERATIONS

Merchandise Return of a Single Department Entry

[REF]
enter amount () - [DEPARTMENT]
{ TENDER }

Merchandise Return of a Multiple Department Entry

[REF]
enter quantity () - [X/TIME]
(0.001 – 99.999)
enter amount () - [DEPARTMENT]
{ TENDER }

* YOUR RECEIPT *	
* THANK YOU *	
* *	

CLERK01	13:00
14-07-2013	0002
REFUND	-----
DEPT 01	€-10.00T1
REFUND	-----
DEPT 02	
2x @2.00	€-4.00T2

TOTAL	€-14.00
CASH	€-14.00

TAX1 10%	€-0.91
TAX2 20%	€-0.67
~~~~~	
/ HAVE A NICE DAY /	
/ PLEASE COME AGAIN /	
~~~~~	

--> SINGLE ITEM RETURNED

--> MULTIPLE ITEMS RETURNED

7-10) RECEIVED ON ACCOUNT OPERATIONS

enter amount received () - [CHECK/RA]
Max. 7 digits

Example :

(1000) - [CHECK/RA]

```
*****  
*   YOUR RECEIPT   *  
*   THANK YOU     *  
*                   *  
*****  
CLERK01           13:00  
14-07-2013       0002  
RECD ACCNT      €10.00
```

7-11) PAID OUT OPERATIONS

enter amount paid () - [CHARGE/PO]
Max. 7 digits

Example :

(500) - [CHARGE/PO]

```
*****  
*   YOUR RECEIPT   *  
*   THANK YOU     *  
*                   *  
*****  
CLERK01           13:00  
14-07-2013       0002  
PAID OUT         €5.00
```

7-12) NON-ADD # PRINT OPERATIONS

The #/NS key is a non-add key which accepts up to a 7 digits numeric entry. Entry will not add to any activity or sales totals.

(Maximum 7 digits) - [#/NS]

```
*****
*   YOUR RECEIPT   *
*   THANK YOU     *
*                 *
*****
CLERK01           13:00
14-07-2013        0002
                  1234567#
DEPT 01           €10.00T1
-----
TOTAL           €10.00
CASH              €10.00
-----
TAX1 10%         €0.91
~~~~~
/  HAVE A NICE DAY /
/  PLEASE COME AGAIN /
~~~~~
```

Note) Non-add# input ahead of NO SALE is a prohibition.

7-13) NO SALE OPERATIONS

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

[#/NS]

```
*****
*   YOUR RECEIPT   *
*   THANK YOU     *
*                 *
*****
CLERK01           13:00
14-07-2013        0002
NO SALE
```

7-14) TENDERING OPERATIONS - Cash Tender

{ DEPARTMENT ENTRY }

{ DEPARTMENT ENTRY }

[SUB TOTAL] or [TOTAL]

enter amount tendered () - [TOTAL]

```
*****
*   YOUR RECEIPT   *
*   THANK YOU     *
*                 *
*****
CLERK01           13:00
14-07-2013        0002
DEPT 01           €10.00T1
DEPT 02           €20.00T2
-----
SUBTOTAL          €30.00
-----
TOTAL           €30.00
CASH              €50.00
CHANGE            €20.00
-----
TAX1 10%          €0.91
TAX2 20%          €3.33
~~~~~
/   HAVE A NICE DAY   /
/   PLEASE COME AGAIN /
~~~~~
```

--> CASH AMOUNT

--> CHANGE

7-15) TENDERING OPERATIONS - Check Tender

{ DEPARTMENT ENTRY }

{ DEPARTMENT ENTRY }

[SUB TOTAL] or [CHECK]

enter amount tendered () - [CHECK]

```
*****
*   YOUR RECEIPT   *
*   THANK YOU     *
*                 *
*****
CLERK01           13:00
14-07-2013        0002
DEPT 01           €10.00T1
DEPT 02           €20.00T2
-----
SUBTOTAL          €30.00
-----
TOTAL          €30.00
CHECK             €50.00
CHANGE            €20.00
-----
TAX1 10%         €0.91
TAX2 20%         €3.33
~~~~~
/  HAVE A NICE DAY  /
/  PLEASE COME AGAIN /
~~~~~
```

--> CHECK AMOUNT

--> CHANGE

7-16) TENDERING OPERATIONS - Charge Tender

```

*****
*   YOUR RECEIPT   *
*   THANK YOU     *
*                 *
*****
CLERK01           13:00
14-07-2013        0002
DEPT 03           €30.00T3
DEPT 04           €40.00T4
-----
TOTAL           €70.00
CHARGE            €70.00
-----
TAX3 30%          €6.92
TAX4 40%          €11.43
~~~~~
/   HAVE A NICE DAY   /
/   PLEASE COME AGAIN /
~~~~~
    
```

[DEPARTMENT or PLU ENTRY]
 [DEPARTMENT or PLU ENTRY]
 [CHARGE] or [SUB TOTAL]
 enter amount
 tendered () - [CHARGE]

Split Tender

```

*****
*   YOUR RECEIPT   *
*   THANK YOU     *
*                 *
*****
CLERK01           13:00
14-07-2013        0002
DEPT 01           €10.00T1
DEPT 02           €20.00T2
-----
SUBTOTAL          €30.00
-----
TOTAL           €30.00
CASH              €15.00
CHARGE            €15.00
-----
TAX1 10%          €0.91
TAX2 20%          €3.33
~~~~~
/   HAVE A NICE DAY   /
/   PLEASE COME AGAIN /
~~~~~
    
```

[DEPARTMENT or PLU ENTRY]
 [DEPARTMENT or PLU ENTRY]
 [SUB TOTAL]
 enter amount
 tendered () - [CASH]
 [CHARGE]

-> CASH PAYMENT
 -> CHARGE PAYMENT

7-17) CALCULATOR MODE

a) When the machine is under REG mode, CALCULATOR MODE can be entered following the steps described below and addition, subtraction multiplication and division can be made.

(1) Type a password to start the calculation mode each time to enter this mode.
When a wrong password is used, this mode cannot be used.

(2) (Password) [SUB TOTAL]

(3) To finish the calculation mode, press [SUB TOTAL]

During the calculator mode, an under bar is displayed at the 4th place indicating that the calculator mode is in operation.

Example 1 : Password '1234'

(1234) - [SUB TOTAL] Calculation machine mode

Example 2 : Password '0000'

Operation is impossible

Note 1) In [Password] not setting up, CAL operation cannot be performed.

b) In the calculator mode, the operational keys are limited to the following keys.
In this mode, no print is effective.

[C ]	.....	Clear
[TOTAL ]	.....	=
[1/8 ]	.....	+
[5/12 ]	.....	-
[2/9 ]	.....	x
[6/13 ]	.....	÷
[00,0- 9 ]	.....	00,0-9
[.]

Note 2) Number of significant figures is 8 digits. After 8 digits are all rounded off

Note 3) During the calculation mode, key tone is eliminated.

Note 4) [+], [-], [x], [÷] key is pressed continuously, respectively, without inputting a numerical value, it becomes an error only at the time of [÷].

Note 5) When the [=] key is pressed after inputting the numerical value and pressing [+], [-], [x], and the [÷] key, respectively, the display of [+] and [-] does not change. [x] becomes a zero display. [÷] becomes a error display.

Example 3:

(12345 )	.....	+) 12345
[DP1] - (10 )	.....	+) 10
[DP5] - (2 )	.....	-) 2
[DP5] - (100 )	.....	-) <u>100</u>
[TOTAL ]	.....	=) 12253
[C ]	.....	0

Example 4:

(500) - [DP2]	
(2) - [TOTAL ]	..... 500 x 2 = 1000
[DP6]	
(4) - [TOTAL ]	..... 1000 / 4 = 250

7-18) POST RECEIPT OPERATION

(Transaction)

[TOTAL receipt issue] \longrightarrow Post receipt

Note) * This operation is able to print in following condition.

- a) Under REG (receipt on or off) mode.
- b) In case of in receipt on mode, the system option for "Multiple Receipt" is setted to allowed.

```
*****
*   YOUR RECEIPT   *
*   THANK YOU     *
*                   *
*****
CLERK01           13:03
14-07-2013        0001
DEPT 01           €1.00T1
-----
SUBTOTAL          €1.00
-----
TOTAL           €1.00
CASH              €1.00
~~~~~
/  HAVE A NICE DAY /
/  PLEASE COME AGAIN /
~~~~~
```


8) MANAGEMENT REPORT NOTES

This section gives instructions for taking reports.
 Reports may be taken under X or Z mode.

Under X mode - Reads reports.

Under Z mode - Reads reports, and resets totals to zero.

The read-out for the report is the same whether taken in the X or Z mode, the only difference is that totals are reset to zero after a Z position report.

(Z report security code) - [CHECK/RA]
 Max. 4 digits

Note) In the event that the security code "0000" is preset, enter each operation key only.

8-1) FINANCIAL REPORT

Under X mode - Reads financial reports.

Under Z mode - Reads financial reports, and resets totals to zero.

[TOTAL]

		* YOUR RECEIPT *		
		* THANK YOU *		
		* *		

		13:03	--> TIME	
DATE -->	14-07-2013	0002	--> CONSECUTIVE NUMBER	
	Z1	0001	--> Z1 COUNTER	
DEPT 1 CAPTION -->	DEPT 01	32	--> ITEM COUNTER	
		€67.90T1	--> DEPT 1 SALES TOTAL (TAX 1)	
	DEPT 02	18		
		€90.60T2	--> DEPT 2 SALES TOTAL (TAX 2)	
	DEPT 03	8		
		€77.85T3	--> DEPT 3 SALES TOTAL (TAX 3)	
	DEPT 04	5		
		€56.00T4	--> DEPT 4 SALES TOTAL (TAX 4)	
	DEPT 05	1		
		€50.00	--> DEPT 5 SALES TOTAL (NON TAX)	
	TOTAL-DEPT	€342.35	--> ALL DEPT TOTAL	
	TAX1 10%	€8.57	--> TAX 1 AMOUNT TOTAL	
	TXBL_0_1 10%	€86.28	--> TAXABLE 1 SALES TOTAL WITH OUT TAX	
	TXBL_W_1 10%	€94.85	--> TAXABLE 1 SALES TOTAL WITH TAX	
	TAX2 20%	€18.15		
	TXBL_0_2 20%	€91.24		
	TXBL_W_2 20%	€109.39		

TAX3 30%	€25.88	
TXBL_0_3 30%	€86.42	
TXBL_W_3 30%	€112.30	
TAX4 40%	€21.57	
TXBL_0_4 40%	€54.03	
TXBL_W_4 40%	€75.60	
NON TAX	€50.00	--> NON TAXABLE SALES TOTAL
TOTAL-TAX	€74.17	--> ALL TAX AMOUNT TOTAL
TXBL_TL_O	€317.97	--> ALL TAXABLE SALES TOTAL WITH OUT TAX
TXBL_TL_W	€442.14	--> ALL TAXABLE SALES TOTAL WITH TAX
TL-COUPON	€-1.20	--> ITEM (-/+) TOTAL
	€-0.80	--> SALES (-/+) TOTAL
TL-DISCOUNT	€-1.00%	--> ITEM % TOTAL
	€-1.00%	--> SALES % TOTAL
NET	€442.14	--> NET SALES TOTAL
TL-REFUND	€-1.00	--> REFUND TOTAL
TL-VD/CORR	€-2.00	--> VOID/EC TOTAL
GROSS	€342.35	--> GROSS SALES TOTAL
ADJUST	€x.xx	--> ADJUSTMENT TOTAL
TL-CASH	0040	--> CASH COUNTER
	€417.84	--> CASH SALES TOTAL
TL-CHECK	0001	--> CHECK COUNTER
	€2.70	--> CHECK SALES TOTAL
TL-CHARGE	0003	--> CHARGE COUNTER
	€21.60	--> CHARGE 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-NOSALE	0001	--> NO SALE COUNTER
C-I-D	€422.84	--> CASH-IN-DRAWER TOTAL
CHECK-I-D	€2.70	--> CHECK-IN-DRAWER TOTAL
CHARGE-I-D	€21.60	--> CHARGE-IN-DRAWER TOTAL
GT	€442.14*	--> GRAND TOTAL

8-2) Z2 AND X2 REPORT

Under X mode - To read Period-to Date Financial Report.

Under Z mode - To read Period-to Date Financial Report and reset totals to zero.

(99) - [TOTAL]

	* YOUR RECEIPT *	
	* THANK YOU *	
	* *	

	13:03	--> TIME
DATE -->	14-07-2013	0002 --> CONSECUTIVE NUMBER
	Z2	0001 --> Z2 COUNTER
DEPT 1 CAPTION -->	DEPT 01	32 --> ITEM COUNTER
	€67.90T1	--> DEPT 1 SALES TOTAL (TAX 1)
	DEPT 02	18
	€90.60T2	--> DEPT 2 SALES TOTAL (TAX 2)
	DEPT 03	8
	€77.85T3	--> DEPT 3 SALES TOTAL (TAX 3)
	DEPT 04	5
	€56.00T4	--> DEPT 4 SALES TOTAL (TAX 4)
	DEPT 05	1
	€50.00	--> DEPT 5 SALES TOTAL (NON TAX)
	TOTAL-DEPT	€342.35 --> ALL DEPT TOTAL
	TAX1 10%	€8.57 --> TAX 1 AMOUNT TOTAL
	TXBL_O_1 10%	€86.28 --> TAXABLE 1 SALES TOTAL WITH OUT TAX
	TXBL_W_1 10%	€94.85 --> TAXABLE 1 SALES TOTAL WITH TAX
	TAX2 20%	€18.15
	TXBL_O_2 20%	€91.24
	TXBL_W_2 20%	€109.39
	TAX3 30%	€25.88
	TXBL_O_3 30%	€86.42
	TXBL_W_3 30%	€112.30
	TAX4 40%	€21.57
	TXBL_O_4 40%	€54.03
	TXBL_W_4 40%	€75.60
	NON TAX	€50.00 --> NON TAXABLE SALES TOTAL
	TOTAL-TAX	€74.17 --> ALL TAX AMOUNT TOTAL
	TXBL_TL_O	€317.97 --> ALL TAXABLE SALES TOTAL WITH OUT TAX
	TXBL_TL_W	€442.14 --> ALL TAXABLE SALES TOTAL WITH TAX
	TL-COUPON	€-1.20 --> ITEM (-/+) TOTAL
		€-0.80 --> SALES (-/+) TOTAL
	TL-DISCOUNT	€-1.00% --> ITEM % TOTAL
		€-1.00% --> SALES % TOTAL
	NET	€442.14 --> NET SALES TOTAL
	TL-REFUND	€-1.00 --> REFUND TOTAL

TL-VD/CORR	€-2.00	--> VOID/EC TOTAL
GROSS	€342.35	--> GROSS SALES TOTAL
ADJUST	€x.xx	--> ADJUSTMENT TOTAL
TL-CASH	0040	--> CASH COUNTER
	€417.84	--> CASH SALES TOTAL
TL-CHECK	0001	--> CHECK COUNTER
	€2.70	--> CHECK SALES TOTAL
TL-CHARGE	0003	--> CHARGE COUNTER
	€21.60	--> CHARGE 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-NOSALE	0001	--> NO SALE COUNTER
C-I-D	€422.84	--> CASH-IN-DRAWER TOTAL
CHECK-I-D	€2.70	--> CHECK-IN-DRAWER TOTAL
CHARGE-I-D	€21.60	--> CHARGE-IN-DRAWER TOTAL
GT	€442.14*	--> GRAND TOTAL

8-3) PLU REPORT

Under X mode - Reads PLU reports.

Under Z mode - Reads PLU reports, and resets totals to zero.

Depress the PLU key.

[PLU]

* YOUR RECEIPT *		
* THANK YOU *		

		13:03
	14-07-2013	0002
	PLU REPORT	X
PLU CAPTION -->	APPLE	1 --> ITEM COUNTER
		€12345.67T1 --> SALES TOTAL
	COKE	1
		€100.00T2
	LEMON	3
		€28.00T3
	EGG	6
		€33.00T4
	GRAPE	1
		€20.00
	TOTAL-PLU	€12526.67 --> ALL PLU SALES TOTAL

8-4) CLERK REPORT

Under X mode - Reads CLERK reports.

Under Z mode - Reads CLERK reports, and resets totals to zero.

Depress the CLERK key.

[CLERK]

* YOUR RECEIPT *		
* THANK YOU *		
* *		

		13:03
	14-07-2013	0002
	CLERK REPORT	X
CLERK NAME -->	CLERK01	
	012	€100.00 --> SALES TOTAL
	CLERK02	
	002	€200.00
	CLERK03	
ACTIVITY COUNTER	001	€3.00
	CLERK04	
	001	€10.00
	CLERK05	
	001	€20.00
	CLERK06	
	001	€5.00
	CLERK07	
	001	€10.00
	CLERK08	
	001	€2.00
	TL-CLERK	€350.00 --> ALL CLERK SALES TOTAL

8-5) TRAINING REPORT

Under X mode - Reads TRAINING reports

Under Z mode - Reads TRAINING reports, and resets totals to zero.

(88) - [TOTAL]

	* YOUR RECEIPT *	
	* THANK YOU *	
	* *	

	13:03	--> TIME
DATE -->	14-07-2013 *****	--> CONSECUTIVE NUMBER
	ZO 0001	--> Z1 COUNTER
DEPT 1 CAPTION -->	DEPT 01 32	--> ITEM COUNTER
	€67.90T1	--> DEPT 1 SALES TOTAL (TAX 1)
	DEPT 02 18	
	€90.60T2	--> DEPT 2 SALES TOTAL (TAX 2)
	DEPT 03 8	
	€77.85T3	--> DEPT 3 SALES TOTAL (TAX 3)
	DEPT 04 5	
	€56.00T4	--> DEPT 4 SALES TOTAL (TAX 4)
	DEPT 05 1	
	€50.00	--> DEPT 5 SALES TOTAL (NON TAX)
	TOTAL-DEPT €342.35	--> ALL DEPT TOTAL
	TAX1 10% €8.57	--> TAX 1 AMOUNT TOTAL
	TXBL_0_1 10% €86.28	--> TAXABLE 1 SALES TOTAL WITH OUT TAX
	TXBL_W_1 10% €94.85	--> TAXABLE 1 SALES TOTAL WITH TAX
	TAX2 20% €18.15	
	TXBL_0_2 20% €91.24	
	TXBL_W_2 20% €109.39	
	TAX3 30% €25.88	
	TXBL_0_3 30% €86.42	
	TXBL_W_3 30% €112.30	
	TAX4 40% €21.57	
	TXBL_0_4 40% €54.03	
	TXBL_W_4 40% €75.60	
	NON TAX €50.00	--> NON TAXABLE SALES TOTAL
	TOTAL-TAX €74.17	--> ALL TAX AMOUNT TOTAL
	TXBL_TL_O €317.97	--> ALL TAXABLE SALES TOTAL WITH OUT TAX
	TXBL_TL_W €442.14	--> ALL TAXABLE SALES TOTAL WITH TAX
	TL-COUPON €-1.20	--> ITEM (-/+) TOTAL
	€-0.80	--> SALES (-/+) TOTAL
	TL-DISCOUNT €-1.00%	--> ITEM % TOTAL
	€-1.00%	--> SALES % TOTAL
	NET €442.14	--> NET SALES TOTAL(BASE CURRNCY)
	TL-REFUND €-1.00	--> REFUND TOTAL
	TL-VD/CORR €-2.00	--> VOID/EC TOTAL

GROSS	€342.35	--> GROSS SALES TOTAL
ADJUST	€x.xx	--> ADJUSTMENT TOTAL
TL-CASH	0040	--> CASH COUNTER
	€417.84	--> CASH SALES TOTAL
TL-CHECK	0001	--> CHECK COUNTER
	€2.70	--> CHECK SALES TOTAL
TL-CHARGE	0003	--> CHARGE COUNTER
	€21.60	--> CHARGE 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-NOSALE	0001	--> NO SALE COUNTER
C-I-D	€422.84	--> CASH-IN-DRAWER TOTAL
CHECK-I-D	€2.70	--> CHECK-IN-DRAWER TOTAL
CHARGE-I-D	€21.60	--> CHARGE-IN-DRAWER TOTAL
GT	€442.14*	--> GRAND TOTAL

8-6) ELECTRIC JOURNAL REPORT (X, Z mode)

This ECR has some kinds of report for EJ.
Those report have following common functions.

a) Pause function during issueing report

When [C] key is entered during issueing the report, the report will be stopped.
Then ECR will wait for entering some key input.
One is [C] key entering again. It means to continued report.
The other is [VOID] key entering. It means to escaped report.

This function is useful for avoinding to empty paper.

b) Escape function during issueing report

When [VOID] 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 displayed [EJ CLEAR]
And long beep (about 2 seconds) will be sound.
It means to confirm to clear EJ memory in truely.
Then ECR will wait for entering some key input.
One is [C] key entering again. It means to clear EJ memory in fact.
The other is [VOID] key entering. It means to escape clear EJ memory.

[SUB TOTAL]

	13:03		
14-07-2013	0009		
ELECTRONIC JOURNAL	Z		
CLERK01	13:00		-> TRANSACTION #001
14-07-2013	0001		
DEPT 01	€1.00T1		
DEPT 02	€2.00T2		
TOTAL	€3.00		
CASH	€3.00		
CLERK01	13:00		-> TRANSACTION #002
14-07-2013	0002		
DEPT 03	€3.00T3		
DEPT 04	€4.00T4		
TOTAL	€7.00		
CHECK	€7.00		
	13:03		-> Z1 REPORT #0001 (TRANSACTION #003)
14-07-2013	0003		
Z1	0001		
DEPT 01	1		
	€1.00T1		
DEPT 02	1		
	€2.00T2		
DEPT 03	1		
	€3.00T3		
DEPT 04	1		
	€4.00T4		
TOTAL-DEPT	€10.00		
TAX1 10%	€0.09		
TXBL_0_1 10%	€0.91		
TXBL_W_1 10%	€1.00		
TAX2 20%	€0.33		
TXBL_0_2 20%	€1.67		
TXBL_W_2 20%	€2.00		
TAX3 30%	€0.69		
TXBL_0_3 30%	€2.31		
TXBL_W_3 30%	€3.00		
TAX4 40%	€1.14		
TXBL_0_4 40%	€2.86		
TXBL_W_4 40%	€4.00		
TOTAL-TAX	€2.25		
TXBL_TL_O	€7.75		
TXBL_TL_W	€10.00		
NET	€10.00		

GROSS	€10.00	--> Z1 REPORT #0001 (TRANSACTION #003)
TL-CASH	0001	
	€3.00	
TL-CHECK	0001	
	€7.00	
C-I-D	€3.00	
CHECK-I-D	€7.00	--> TRANSACTION #004
GT	€173.43*	
CLERK01	13:00	
14-07-2013	0004	
PLU 001	€1.00T1	
PLU 002	€2.00T2	
TOTAL	€3.00	--> TRANSACTION #005
CHARGE	€3.00	
CLERK01	13:00	
14-07-2013	0005	
PLU 003	€3.00T3	
TOTAL	€3.00	
CHARGE	€3.00	--> TRANSACTION #006
CLERK01	13:00	
14-07-2013	0006	
PLU 004	€4.00T4	
TOTAL	€4.00	
CHARGE	€4.00	
	13:03	--> Z1 REPORT #0002 (TRANSACTION #007)
14-07-2013	0007	
Z1	0002	
DEPT 01	1	
	€1.00T1	
DEPT 02	1	
	€2.00T2	
DEPT 03	1	
	€3.00T3	
DEPT 04	1	
	€4.00T4	
TOTAL-DEPT	€10.00	
TAX1 10%	€0.09	
TXBL_0_1 10%	€0.91	
TXBL_W_1 10%	€1.00	
TAX2 20%	€0.33	
TXBL_0_2 20%	€1.67	
TXBL_W_2 20%	€2.00	
TAX3 30%	€0.69	
TXBL_0_3 30%	€2.31	
TXBL_W_3 30%	€3.00	
TAX4 40%	€1.14	
TXBL_0_4 40%	€2.86	

TXBL_W_4 40%	€4.00	--> Z1 REPORT #0002 (TRANSACTION #007)
TOTAL-TAX	€2.25	
TXBL_TL_O	€7.75	
TXBL_TL_W	€10.00	
NET	€10.00	
GROSS	€10.00	
TL-CHARGE	0001	
	€10.00	
CHARGE-I-D	€10.00	
GT	€183.43*	
CLERK01	13:00	--> TRANSACTION #008
14-07-2013	0008	
DEPT 13	€3.00	
DEPT 14	€4.00	
<hr/>		
TOTAL	€7.00	--> EJ USED LINES
CASH	€7.00	
<hr/>		--> EJ REMAINDER LINES
E.JOURNAL USED	115L	
E.JOURNAL FREE	2885L	

8-8) OLDEST REPORT FOR EJ

(NNN) - [SUB TOTAL] NNN: 001 - 999

“NNN” means to appointing the number of transaction.

ECR will be reported 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.

(006) - [SUB TOTAL]

	13:03	
14-07-2013	0009	
ELECTRONIC JOURNAL	Z	
CLERK01	13:00	
14-07-2013	0001	
DEPT 01	€1.00T1	-> TRANSACTION #001
DEPT 02	€2.00T2	
TOTAL	€3.00	
CASH	€3.00	
CLERK01	13:00	
14-07-2013	0002	
DEPT 03	€3.00T3	-> TRANSACTION #002
DEPT 04	€4.00T4	
TOTAL	€7.00	
CHECK	€7.00	
	13:03	
14-07-2013	0003	
Z1	0001	
DEPT 01	1	-> Z1 REPORT #0001 (TRANSACTION #003)
	€1.00T1	
DEPT 02	1	
	€2.00T2	
DEPT 03	1	
	€3.00T3	
DEPT 04	1	
	€4.00T4	
TOTAL-DEPT	€10.00	
TAX1 10%	€0.09	
TXBL_0_1 10%	€0.91	
TXBL_W_1 10%	€1.00	
TAX2 20%	€0.33	
TXBL_0_2 20%	€1.67	
TXBL_W_2 20%	€2.00	

TAX3 30%	€0.69	
TXBL_0_3 30%	€2.31	
TXBL_W_3 30%	€3.00	
TAX4 40%	€1.14	
TXBL_0_4 40%	€2.86	
TXBL_W_4 40%	€4.00	
TOTAL-TAX	€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	
C-I-D	€3.00	
CHECK-I-D	€7.00	
GT	€173.43*	
<hr/>		
CLERK01	13:00	
14-07-2013	0004	
PLU 001	€1.00T1	
PLU 002	€2.00T2	
<hr/>		
TOTAL	€3.00	
CHARGE	€3.00	
<hr/>		
CLERK01	13:00	
14-07-2013	0005	
PLU 003	€3.00T3	
<hr/>		
TOTAL	€3.00	
CHARGE	€3.00	
<hr/>		
CLERK01	13:00	
14-07-2013	0006	
PLU 004	€4.00T4	
<hr/>		
TOTAL	€4.00	
CHARGE	€4.00	
<hr/>		
E.JOURNAL USED	115L	--> EJ USED LINES
E.JOURNAL FREE	2885L	--> EJ REMAINDER LINES

--> Z1 REPORT #0001 (TRANSACTION #003)

--> TRANSACTION #004

--> TRANSACTION #005

--> TRANSACTION #006

8-9) LATEST REPORT FOR EJ

(NNN) - [CHARGE/PO] NNN: 001 - 999

“NNN” means to appointing the number of transaction.

ECR will be reported from older transaction by appointed number.

When the issued transaction reach to latest, the report will be stopped.

If the appointed number is bigger than saved transaction into EJ memory, the report will be started from oldest transaction.

(007) - [CHARGE/PO]

	13:03	
14-07-2013	0009	
ELECTRONIC JOURNAL	Z	
CLERK01	13:00	
14-07-2013	0002	
DEPT 03	€3.00T3	--> TRANSACTION #002
DEPT 04	€4.00T4	
TOTAL	€7.00	
CHECK	€7.00	
	13:03	
14-07-2013	0003	
Z1	0001	
DEPT 01	1	--> Z1 REPORT #0001 (TRANSACTION #003)
	€1.00T1	
DEPT 02	1	
	€2.00T2	
DEPT 03	1	
	€3.00T3	
DEPT 04	1	
	€4.00T4	
TOTAL-DEPT	€10.00	
TAX1 10%	€0.09	
TXBL_0_1 10%	€0.91	
TXBL_W_1 10%	€1.00	
TAX2 20%	€0.33	
TXBL_0_2 20%	€1.67	
TXBL_W_2 20%	€2.00	
TAX3 30%	€0.69	
TXBL_0_3 30%	€2.31	
TXBL_W_3 30%	€3.00	
TAX4 40%	€1.14	
TXBL_0_4 40%	€2.86	
TXBL_W_4 40%	€4.00	
TOTAL-TAX	€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	
C-I-D	€3.00	--> Z1 REPORT #0001 (TRANSACTION #003)
CHECK-I-D	€7.00	
GT	€173.43*	
CLERK01	13:00	
14-07-2013	0004	
PLU 001	€1.00T1	
PLU 002	€2.00T2	
<hr/>		
TOTAL	€3.00	
CHARGE	€3.00	--> TRANSACTION #004
CLERK01	13:00	
14-07-2013	0005	
PLU 003	€3.00T3	--> TRANSACTION #005
<hr/>		
TOTAL	€3.00	
CHARGE	€3.00	
CLERK01	13:00	
14-07-2013	0006	
PLU 004	€4.00T4	
<hr/>		
TOTAL	€4.00	
CHARGE	€4.00	--> TRANSACTION #006
	13:03	
14-07-2013	0007	
Z1	0002	
DEPT 01	1	
	€1.00T1	
DEPT 02	1	
	€2.00T2	
DEPT 03	1	
	€3.00T3	
DEPT 04	1	
	€4.00T4	
TOTAL-DEPT	€10.00	--> Z1 REPORT #0002 (TRANSACTION #007)
TAX1 10%	€0.09	
TXBL_O_1 10%	€0.91	
TXBL_W_1 10%	€1.00	
TAX2 20%	€0.33	
TXBL_O_2 20%	€1.67	
TXBL_W_2 20%	€2.00	
TAX3 30%	€0.69	
TXBL_O_3 30%	€2.31	
TXBL_W_3 30%	€3.00	

TAX4 40%	€1.14	--> Z1 REPORT #0002 (TRANSACTION #007)
TXBL_O_4 40%	€2.86	
TXBL_W_4 40%	€4.00	
TOTAL-TAX	€2.25	
TXBL_TL_O	€7.75	
TXBL_TL_W	€10.00	
NET	€10.00	
GROSS	€10.00	
TL-CHARGE	0001	
	€10.00	
CHARGE-I-D	€10.00	--> TRANSACTION #008
GT	€183.43*	
CLERK01	13:00	
14-07-2013	0008	
DEPT 13	€3.00	
DEPT 14	€4.00	
<hr/>		--> EJ USED LINES
TOTAL	€7.00	
CASH	€7.00	--> EJ REMAINDER LINES
<hr/>		
E.JOURNAL USED	115L	
E.JOURNAL FREE	2885L	

8-10) DAILY REPORT FOR EJ

(DD) - [CHECK/RA] DD: 01 - 99

“DD” means to appointing the number of issued Z financial report.

ECR will be reported 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.

(02) - [CHECK/RA]

	13:03	
14-07-2013	0009	
ELECTRONIC JOURNAL		Z
CLERK01	13:00	
14-07-2013	0001	-> TRANSACTION #001
DEPT 01	€1.00T1	
DEPT 02	€2.00T2	
TOTAL	€3.00	
CASH	€3.00	
CLERK01	13:00	
14-07-2013	0002	-> TRANSACTION #002
DEPT 03	€3.00T3	
DEPT 04	€4.00T4	
TOTAL	€7.00	
CHECK	€7.00	
	13:03	
14-07-2013	0003	
Z1	0001	-> Z1 REPORT #0001 (TRANSACTION #003)
DEPT 01	1	
	€1.00T1	
DEPT 02	1	
	€2.00T2	
DEPT 03	1	
	€3.00T3	
DEPT 04	1	
	€4.00T4	
TOTAL-DEPT	€10.00	
TAX1 10%	€0.09	
TXBL_0_1 10%	€0.91	
TXBL_W_1 10%	€1.00	
TAX2 20%	€0.33	
TXBL_0_2 20%	€1.67	
TXBL_W_2 20%	€2.00	

TAX3 30%	€0.69	--> Z1 REPORT #0001 (TRANSACTION #003)
TXBL_0_3 30%	€2.31	
TXBL_W_3 30%	€3.00	
TAX4 40%	€1.14	
TXBL_0_4 40%	€2.86	
TXBL_W_4 40%	€4.00	
TOTAL-TAX	€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	
C-I-D	€3.00	
CHECK-I-D	€7.00	
GT	€173.43*	
CLERK01	13:00	--> TRANSACTION #004
14-07-2013	0004	
PLU 001	€1.00T1	
PLU 002	€2.00T2	
TOTAL	€3.00	--> TRANSACTION #005
CHARGE	€3.00	
CLERK01	13:00	--> TRANSACTION #006
14-07-2013	0005	
PLU 003	€3.00T3	
TOTAL	€3.00	--> Z1 REPORT #0002 (TRANSACTION #007)
CHARGE	€3.00	
CLERK01	13:00	--> Z1 REPORT #0002 (TRANSACTION #007)
14-07-2013	0006	
PLU 004	€4.00T4	
TOTAL	€4.00	
CHARGE	€4.00	
	13:03	--> Z1 REPORT #0002 (TRANSACTION #007)
14-07-2013	0007	
Z1	0002	
DEPT 01	1	
	€1.00T1	
DEPT 02	1	
	€2.00T2	
DEPT 03	1	
	€3.00T3	
DEPT 04	1	
	€4.00T4	
TOTAL-DEPT	€10.00	
TAX1 10%	€0.09	

TXBL_0_1 10%	€0.91
TXBL_W_1 10%	€1.00
TAX2 20%	€0.33
TXBL_0_2 20%	€1.67
TXBL_W_2 20%	€2.00
TAX3 30%	€0.69
TXBL_0_3 30%	€2.31
TXBL_W_3 30%	€3.00
TAX4 40%	€1.14
TXBL_0_4 40%	€2.86
TXBL_W_4 40%	€4.00
TOTAL-TAX	€2.25
TXBL_TL_O	€7.75
TXBL_TL_W	€10.00
NET	€10.00
GROSS	€10.00
TL-CHARGE	0001
	€10.00
CHARGE-I-D	€10.00
GT	€183.43*

--> Z1 REPORT #0002 (TRANSACTION #007)

E.JOURNAL USED	115L
E.JOURNAL FREE	2885L

--> EJ USED LINES

--> EJ REMAINDER LINES

8-11) MEMORY CLEAR FOR EJ

This operation is used to EJ Memory cleared without issuing any report.

DISPLAY

(81) - [CLERK]

E J C L E A R

[C]

0

--> EJ memory clear

or

[VOID]

0

--> Escape clear EJ memory

There is no report issue by this operation.

```
*****  
*      YOUR RECEIPT      *  
*      THANK YOU        *  
*                        *  
*****  
                               13:03  
14-07-2013      0002  
E.JOURNAL CLEAR      Z  
E.JOURNAL USED      0L  
E.JOURNAL FREE      3000L
```

9) BALANCING FORMULAS

SYSTEM BALANCE

(+) DEPARTMENT 1
(+) DEPARTMENT 2
(+) DEPARTMENT 3
|
|
(+) DEPARTMENT 13
(+) DEPARTMENT 14

(=) DEPARTMENT TOTAL

(+) DEPARTMENT TOTAL

(=) GROSS SALES

(+) GROSS SALES
(+) SALES (-)(+) TOTAL
(+) SALES % TOTAL
(+) ADJUST
(+) TAX TOTAL (Add-on TAX)

(=) NET SALES

(+) NET SALES
(+) PREVIOUS GRAND TOTAL

(=) ENDING GRAND TOTAL

MEDIA BALANCE

(+) NET SALES
(-) CHECK
(-) CHARGE
(+) RECEIVED ON ACCOUNT
(-) PAID OUT
(-) PAYMENT OUT

(=) CASH IN DRAWER

10) ERROR CODE

Error code	Contents
E1	: Operation error
E2	: Sales amount over
E3	: 0 price entry error
E4	: Item over for full-void
E5	: Not clerk entry
E6	: Not security code entry