

# CHAPTER 2. PROGRAM (PGM) MODE

## 1. Reading of the PGM mode program

List of program report

### JOB# entry

JOB#	REPORT NAME
1100	Department program report
1200	PLU program report
1300	Other program report
2700	Tax program report
2900	Auto key program report

### Direct key entry

JOB#	REPORT NAME
CA/AT	PGM mode program report (Not included the PLU program report and Auto key program report)
PLU	PLU program report

Note: Shouldn't program readouts be after the program steps.

### [JOB#1100] : Department program report

Key operation



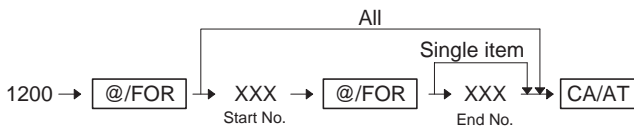
**YOUR RECEIPT**

**THANK YOU**

07-24-96	Dept. code / Programming (JOB#2110)
01 0003	Tax status (JOB#2111-B,C,D,E,F)
00000 TX	
17	Programming(JOB#2112)
1 #	Group No.(JOB#2116)
10.00	Unit price(JOB#1110)
02 1003	
00001 TX	
17	
2 #	
20.00	
03 0103	
00010 TX	
17	
3 #	
-30.00	Sign (JOB#2111-A) / Unit price (JOB#1110)
04 0013	
00000 TX	
17	
0 #	
0.00	
10 0001	
00000 TX	
17	
0 #	
0.00	
222-0025	
11-54	

**[JOB#1200] : PLU program report**

Key operation



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**THANK YOU**

07-24-96

PL001 01  
00000 TX  
2  
100.00

PL002 02  
00001 TX  
2  
-200.00

PL003 03  
00010 TX  
2  
300.00

PL004 04  
00100 TX  
2

PL009 09  
00000 TX  
2  
900.00

PL010 10  
00000 TX  
2  
1000.00

222-0027  
11-56

PLU code / Dept. code (JOB#1200)

Tax status (JOB#2210-B,C,D,E,F)

Amount entry type(JOB#2210-G)

Unit price(JOB#1210)

Sign(JOB#2210-A) / Unit price (JOB#1210)

**[JOB#1300] : Other program report**

Key operation



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01-01-00

-0.00 1  
00000  
17

-0.00% 1  
00000

0.0000 EX 1  
18 RA  
18 PO  
00000000 CA  
18 CK  
00000000  
18 CH 1  
00000000  
9  
99999.99 CK  
9  
99999.99 CK CG  
99  
99999.99  
2616#

1  
00000000  
2  
00000000  
3  
00000000  
4  
00000000  
2617#  
0

000-0009  
12-05

Sign(JOB#2311-A) / Unit price for (-) (JOB#1310)

Tax status (-) (JOB#2311-B,C,D,E,F)

Limitation of entry digit for (-) (JOB#2312)

Sign(JOB#2311-A) /Rate for (%) (JOB#1310)

Tax status for (%) (JOB#2311-B,C,D,E,F)

Conversion rate(JOB#1310)

Limitation of entry digit for RA (JOB#2312)

Limitation of entry digit for PO (JOB#2312)

Programming for CA (JOB#2320)

Limitation of entry digit for CK (JOB#2322)

Programming for CK (JOB#2320)

Limitation of entry digit for CH (JOB#2322)

Programming for CH (JOB#2320)

Limitation of entry digit for CHECK CASHING (JOB#2321)

Limitation of entry digit for CHECK CHANGE (JOB#2321)

Limitation of entry digit for CID (Sentinel) (JOB#2321)

JOB#

Programming No.

Programming item (A,B,C,D,E,F,G,H)

JOB#

Till timer

**[JOB#2700] : Tax program report**  
Key operation

2700 → @/FOR → CA/AT

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07-24-96

	TX 1	
6.0000		
1.00		
001 0.11		
002 0.23		
003 0.39		
004 0.57		
005 0.73		
006 0.89		
007 1.11		
	TX 2	
4.0000		
0.12		
	TX 3	
-----		
	TX 4	
-----		
222-0031		
11-58		

Tax table

Tax rate

Lower taxable amount

**[JOB#2900] : Tax program report**  
Key operation

2900 → @/FOR → CA/AT

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07-24-96

	1 #	
01	02	
02	11	
03	101	
04	03	
05	11	
06	102	
07	15	
08	16	
09	..	
10	..	
11	..	
12	..	
13	..	
14	..	
15	..	
16	..	
17	..	
18	..	
19	..	
20	..	
	2 #	
01	..	
18	..	
19	..	
20	..	
222-0034		
* 12-00		

Auto key No. (JOB#2900)

No./ Stored key position code

Marks the end of the key sequence

[CA/AT] : PGM mode program report

Key operation

→ CA/AT

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07-24-96

01 0003  
00000 TX  
17  
1 #  
10.00  
02 1003  
00001 TX  
17  
2 #  
20.00  
03 0103  
00010 TX  
17  
3 #  
-30.00  
04 0013  
00100 TX  
17  
4 #  
40.00  
05 0003  
01000 TX  
17

Dept. code / Programming(JOB#2110)  
Tax status (JOB#2111-B,C,D,E,F)  
Programming(JOB#2112)  
Group No.(JOB#2116)  
Unit price(JOB#1110)  
Sign (JOB#2111-A) / Unit price(JOB#1110)

0 #  
0.00  
50 0001  
00000 TX  
17  
0 #  
0.00

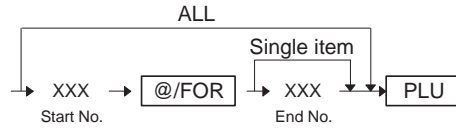
-100.00 @ 1  
00000  
17  
-500.00 @ 2  
00000  
17  
-100.00 % 1  
00000  
-0.00 % 2  
00000  
0.0000 EX 1  
18 RA  
18 PO  
00000000 CA  
18 CK  
00000000  
18 CH 1  
00000000  
18 CH 2  
00000000  
9  
99999.99 CK  
9  
99999.99 CK CG  
99  
99999.99  
2616 #  
1  
00000000  
2

Sign(JOB#2311-A) / Unit price for (-) (JOB#2310)  
Tax status (-) (JOB#2311-B,C,D,E,F)  
Limitation of entry digit for (-) (JOB#2312)  
Sign(JOB#2311-A) /Unit price for (-) (JOB#1310)  
Tax status for (-) (JOB#2311-B,C,D,E,F)  
Conversion rate(JOB#1310)  
Limitation of entry digit for RA (JOB#2312)  
Limitation of entry digit for PO (JOB#2312)  
Programming for CA (JOB#2320)  
Limitation of entry digit for CK (JOB#2322)  
Programming for CK (JOB#2320)  
Limitation of entry digit for CH1(JOB#2322)  
Programming for CH (JOB#2320)  
Limitation of entry digit for CH2 (JOB#2322)  
Programming for CH2 (JOB#2320)  
Limitation of entry digit for CHECK CASHING (JOB#2321)  
Limitation of entry digit for CHECK CHANGE (JOB#2321)  
Limitation of entry digit for CID (Sentinel) (JOB#2321)  
JOB#  
Programming No.  
Programming item (A,B,C,D,E,F,G,H)

**[PLU] : PGM mode program report**

Key operation

	TX 1	
6.0000		
1.00		
001 0.11		
002 0.23		
003 0.39		
004 0.57		
005 0.73		
006 0.89		
007 1.11		
	TX 2	
4.0000		Tax rate
0.12		Lower taxable amount
	TX 3	
-----		
	TX 4	
-----		
222-0039		
* 12-02		

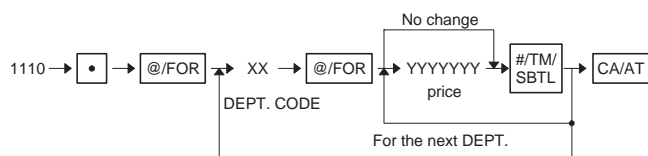


<b>YOUR RECEIPT</b>		
<b>THANK YOU</b>		
07-24-96		
PL001 01		PLU code / Dept. code(JOB#1200)
00000 TX		Tax status (JOB#2210-B,C,D,E,F)
2		Amount entry type(JOB#2210-G)
100.00		Unit price(JOB#1210)
PL002 02		
00001 TX		
2		
-200.00		Sign(JOB#2210-A) / Unit price(JOB#1210)
PL003 03		
00010 TX		
2		
300.00		
PL004 04		
00100 TX		
2		
400.00		
PL005 05		
01000 TX		
2		
900.00		
PL010 10		
00000 TX		
2		
1000.00		
222-0037		
* 12-01		

## 2. Programming by JOB# entry

### [JOB#1110]

PROGRAMMING OF DEPT. PRICE



XX : DEPT- CODE = 01 ~ 40max

YYYYYYY : PRICE = 0 ~ 9999999

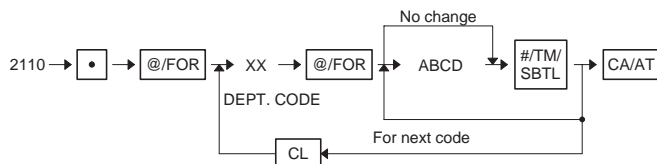
Preset price is max. 7 digits.

Price can be programmed for each dept. If this programming is performed, the ECR is automatically programmed to allow preset price entry even when it has been programmed not to allow preset price entry in dept. function programming (JOB#2110).

MRS = 0000000

### [JOB#2110]

PROGRAMMING OF DEPT. FUNCTION



XX : DEPT. code = 01 ~ 40 max.

A :	Item validation printing	A
	Non compulsory	0
	Compulsory	1

B :	SICS Function	B
	Normal	0
	Single item cash sale	1

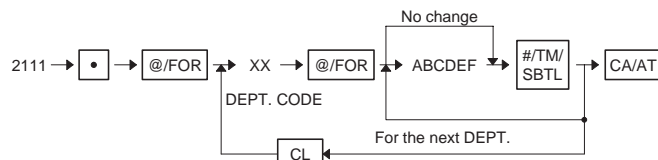
C :	Dept. type	C
	Normal	0
	HASH	1

D :	AmDunt entry type	D
	Inhibited	0
	Open	1
	Preset	2
	Open and preset	3

MRS = 0001

### [JOB#2111]

DEPT. TAX STATUS AND SIGN PROGRAMMING



XX : DEPT. CODE = 01 ~ 40max.

A :	Sign	A
	+	0
	-	1

B : Not used (Fixed at "0")

C :	Taxable 4	C
	Non taxable	0
	Taxable	1

D :	Taxable 3	D
	Non taxable	0
	Taxable	1

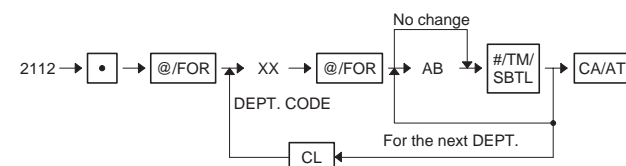
E :	Taxable 2	E
	Non taxable	0
	Taxable	1

F :	Taxable 1	F
	Non taxable	0
	Taxable	1

MRS = 000000

### [JOB#2112]

DEPT. HALO (limit) preset



XX : DEPT. CODE = 01 ~ 40max.

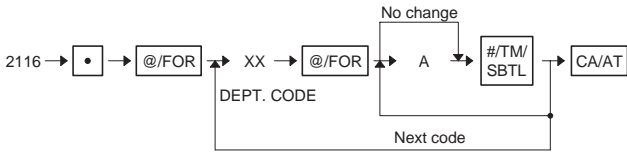
A : Mantissa(HALO) = 1 ~ 9

B : Exponent (HALO) = 0 ~ 7

\* Items A and B indicate  $A \times 10^B$ . Any amount below that value is enable within 9999999.

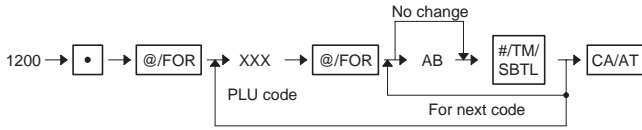
MRS = 17

**[JOB#2116]**  
PROGRAMMING OF DEPT. GROUP



XX : DEPT. code = 01 ~ 40max.  
AA : Group No. = 0 ~ 9  
MRS = 0

**[JOB#1200]**  
Creating/assigning PLUs and the associated departments.

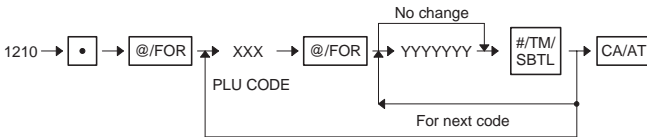


XXX : PLU code = 001 ~ 999  
AB : DEFT. code = 01 ~ 40

If the record of entered PLU code is not in PLU file at this programming, it will be created in PLU file.

MRS = 01

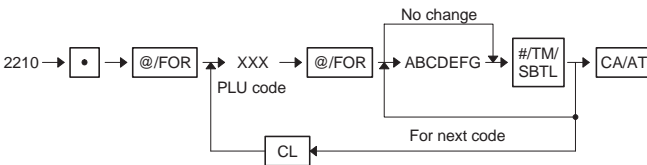
**[JOB#1210]**  
PRICE PROGRAMMING FOR PLUs



XXX : PLU CODE=001 ~ 999  
YYYYYYY : Amount = 0 ~ 9999999  
If the record of entered PLU code is not in PLU file at this programming, it will be created in PLU file.

MRS = 0000000

**[JOB#2210]**  
PLU function programming



XXX : PLU code = 001 - 500/999 max.

A :

Sign	A
+	0
-	1

B : Not used (Fixed at "0")

C :

Taxable4	C
Non taxable	0
Taxable	1

D :

Taxable3	D
Non taxable	0
Taxable	1

E :

Taxable2	E
Non taxable	0
Taxable	1

F :

Taxable 1	F
Non taxable	0
Taxable	1

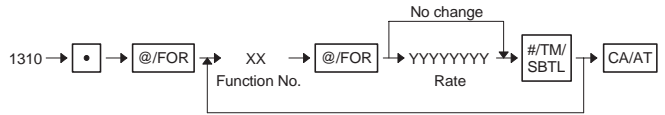
G :

Amount entry type	G
Inhibited	0
Open	1
Preset	2
Open and preset	3
Delete	4

If the record of entered PLU code is not in PLU file at this programming, it will be created in PLU file.

MRS = 0000002

**[JOB#1310]**  
RATE PROGRAMMING



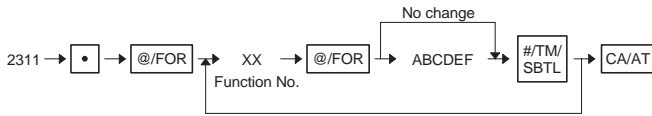
XX : Function No.

YYYYYYY : Rate

Function No.	Function	Entry range	Remarks
1	(-) 1	0 to 999999.9	(-) unit Price
2	(-) 2		
3	%1	0 to 100.00	% rate
4	%2		
5	Conversion 1	0 to 9999.9999	Rate
6	Conversion 2		
7	Conversion 3		

MRS = 0

**[JOB#2311]**  
MISC KEY PROGRAMMING 1



XX : Function No.

Function No.	Function
1	(-) 1
2	(-) 2
3	%1
4	%2

A :

Sign	A
+	0
-	1

\* Not available for (-)1 and (-) 2

B : Not used (Fixed at "0")

C :

Taxable4	C
Non taxable	0
Taxable	1

D :

Taxable 3	D
Non taxable	0
Taxable	1

E :

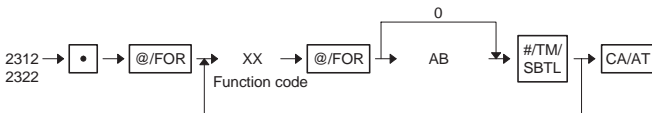
Taxable 2	E
Non taxable	0
Taxable	1

F :

Taxable 1	F
Non taxable	0
Taxable	1

MRS= 100000

**[JOB#2312, 2322]**  
HALO PROGRAMMING



XX : Function No.

A : Mantissa (0 to 9)

B : Exponent (0 to 8)

JOB#	Function No.	Function	Remarks
2312	1	(-)1	Item B is specificable within the range from 0 to 7
	2	(-)2	
	9	TAX	
	10	RA	Item B is specificable within the range from 0 to 8.
	11	PO	

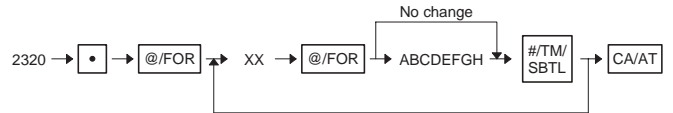
JOB#	Function No.	Function	Remarks
2322	13	CA2	Item B is specificable within the range from 0 to 8.
	14	CK	
	15	CH1	
	16	CH2	

Entry range, system :A x 10<sup>B</sup>

MRS = 17 ((-) 1, (-) 2, TAX)

18 (RA, PO, CA2, CK, CH1, CH2)

**[JOB#2320]**  
MEDIA KEY PROGRAMMING



XX : Function No.

Function No.	Function	A	B	C	D	E	F	G	H
12	CA1	○	○	○	○	○	○	○	○
13	CA2	○	○	○	○	○	○	○	○
14	CHK	○	○	○	○	○	○	○	○
15	CH1	○	○	○	○	○	○	○	○
16	CH2	○	○	○	○	○	○	○	○

\* Items marked with on (O) are programmable.

A :

Change due	A
Enable	0
Disable	1

B :

VP	B
Non compulsory	0
Compulsory	1

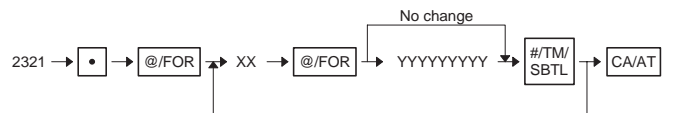
C, D, E, F, G :Notused (Fixed at "00000")

H :

Entry of amount tended	H
Non compulsory (Cash, Check) Inhibit (CH1 to CH8)	0
Compulsory	1

MRS=00000000

**[JOB#2321]**  
MEDIA KEY FUNCTION PROGRAM (AMOUNT HALO)



XX : Function No.

YYYYYYYY : Limitation amount

Func. No.	Function	Entry range	MRS
19	CID (Sentinel)	0 to 999999999	999999999
18	Check CHANGE	0 to 99999999	99999999
17	Check Cashing	0 to. 99999999	99999999



**[JOB#2610]**

DATE SETTING



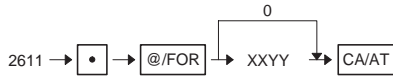
XXYYZZ : Date (Year-Month-Day/Day-Month-Year/Month-Day-Year)

\* The date entry format complies with the applicable SRV-mode programming.

MRS = 010100

**[JOB#2611]**

TIME SETTING



XX : Hour (00 ~ 23)

YY : Minute (00 ~ 59)

MRS = 0

**[JOB#2612]**

MACHINE NUMBER SETTING



XXX : Machine number (000 ~ 999)

MRS = 000

**[JOB#2613]**

CONSECUTIVE NUMBER SETTING

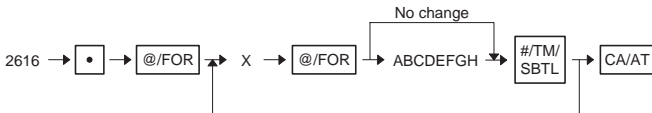


XXXX : Consecutive number (0000 ~ 9999)

MRS = 0000

**[JOB#2616]**

OPTIONAL FEATURE



X : 1 MRS = 00000000

A :	OP X/Z report	A
	Enable	0
	Disable	1

B, C : Not used (Fixed at "00")

D :	"RFND" key entry in REG mode	D
	Enable	0
	Disable	1

E :	Direct void function in REG mode	E
	Enable	0
	Disable	1

F :	In direct void in REG mode	F
	Enable	0
	Disable	1

G :	Subtotal void in REG mode	G
	Enable	0
	Disable	1

H : Not used (Fixed at "0")

X : 2

MRS = 00000000

A, B, C : Not used (Fixed at "000")

D :	Printing of the number of purchases	D
	No	0
	Yes	1

E :	Time print	E
	Yes	0
	No	1

F :	Printing of journal	F
	Full print	0
	Journal Select	1

G, H : Not used (Fixed at "00")

X : 3

MRS = 00000000

A, B : Not used (Fixed at "00")

C : Not used (Fixed at "0")

D :	Zero skip in Transaction report	D
	Yes	0
	No	1

E :	Zero skip in Dept. report	E
	Yes	0
	No	1

F :	Zero Skip in PLU report	F
	Yes	0
	No	1

G :	Zero skip in Hourly report	G
	Yes	0
	No	1

H :	Zero skip in Daily net report	H
	Yes	0
	No	1

X : 4

MRS = 00000000

A :	Calculator function	A
	Enable	0
	Disable	1

B, C, D, E, F, G, H : Not used (Fixed at "0000000")

**[JOB#2617]**

PROGRAMMING OF THE TIME INTERVAL FOR THE TILL TIMER

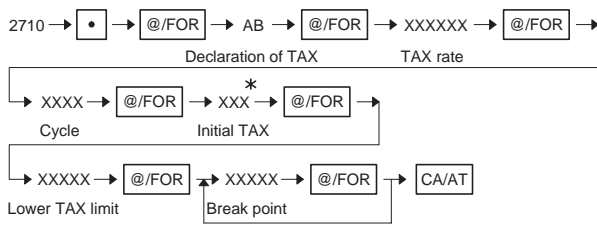


XXX : 0 ~ 255sec

MRS = 000

**[JOB#2710]**

**TAX TABLE PROGRAMMING**



72 BREAKPOINTS CAN BE PROGRAMMED FOR EACH TAX-TABLE.

(Case of interval between break point is 1 dollar or more and less than 100 dollar. 36 breakpoints is programmed for each table.)

\* DEPRESSION OF THE SBTL KEY AT THE FOLLOWING POINTS MEANS A TAX TABLE DELETE OPERATION.

A : INTERVAL BETWEEN BREAKPOINTS IS = 1

1 DOLLAR OR MORE AND LESS THAN 100 DOLLAR

INTERVAL BETWEEN BREAKPOINTS IS = 0

BELOWV 1 DOLLAR

B : TABLE 1 PROGRAMMING =1

TABLE 2 PROGRAMMING =2

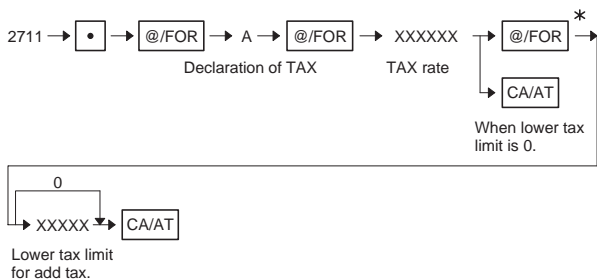
TABLE 3 PROGRAMMING =3

TABLE 4 PROGRAMMING =4

MRS = NO TAX

**[JOB#2711]**

**TAX RATE PROGRAMMING**



DEPRESSION OF THE ST KEY AT FOLLOWING POINTS PERFORM A TAX TABLE DELETE OPERATION.

A :

Tax programming	A
Tax1	1
Tax2	2
Tax3	3
Tax4	4

xxxxxx : Rate = 0.0000 ~ 99.9999%

LOWER TAX LIMITATION max. 999.99

(This is invalid in VAT system.)

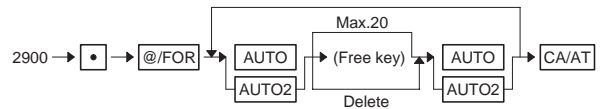
MRS=0

**[JOB#2900]**

**<CAUTION>**

(This JOB must be performed at X2/Z2 mode position.)

**AUTO KEY SETTING**

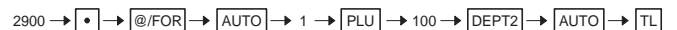


(Auto key function)

- This machine has [AUTO] key which can be programmed by the following key-Sequence.
- When [AUTO] key is depressed, the machine works the same as the programmed key-Sequence programmed.

<Example>

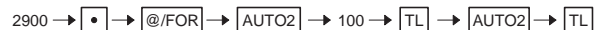
Mode switch :(X2/Z2)



Mode switch :(REG)

Key entry	R/J	Display	Comment
[AUTO]	PL0011	1	same as [1] entry
	★ 1.10	001 1.10	same as [PLU] entry
	02 ★ 1.00	1	same as [1] entry
		10	same as [0] entry
		100	same as [0] entry
		02 1.00	same as [DEPT2] entry

Mode switch :(X2/Z2)



Mode switch :(REQ)

Key entry	R/J	Display	Comment
[DEPT1]	01 ★ 1.00	01 1.00	
[AUTO2]		1	same as [1] entry
	★ 1.00 TL	10	same as [0] entry
	★ 1.00 CA	100	same as [0] entry
	★ 1.00 CG	C 0.00	same as [TL] entry

**[JOB#2910, 2911]**

Training mode start (#2910), End (#2911)



<Training mode>

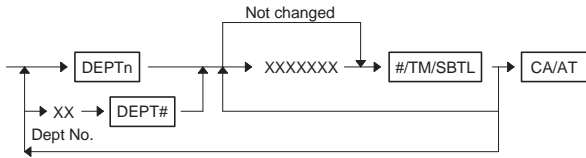
All operation is same as REG-mode operation.

In the training mode, the connective number is printed as same number in receipt / journal printer.

In the training mode, the connective number is counted up.

### 3. Programming by direct key entry

#### 1) PRICE PROGRAMMING for DEPT.



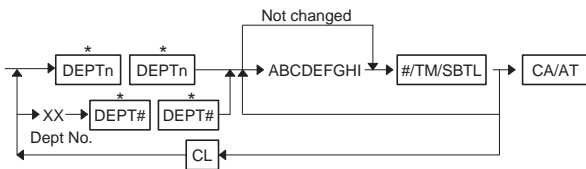
XXXXXXX : UNIT PRICE (Max. 7 digits)

MRS = 0

Note : Current price is displayed.

\* If [DEPT#] or [DEPTn](same as displayed department number) is depressed, programming mode is changed from "PRICE PROGRAMMING" to "FUNCTION PROGRAMMING" (from "FUNCTION PROGRAMMING" to "PRICE PROGRAMMING").

#### 2) FUNCTION PROGRAMMING for DEFT.



★ When starting setting, press [DEPTn] or [DEPT#] key twice. When continuing the same setting, press it once.

A :

Sign	A
+	0
-	1

B : Not used (Fixed at "0")

C :

Taxable4	C
Non taxable	0
Taxable	1

D :

Taxable3	D
Non taxable	0
Taxable	1

E :

Taxable2	E
Non taxable	0
Taxable	1

F :

Taxable1	F
Non taxable	0
Taxable	1

G :

SICS Function	G
Normal	0
Single item cash sale	1

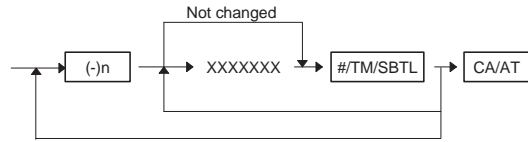
H: Limitation (MantisSa) = 0 ~ 9

I : Limitation (Exponebt) = 0 ~ 7

MRS = NORMAL, 17 HALO

Note : Current setting is displayed.

### 3) PRICE & MODIFY PROGRAMMING for (-) KEYS.



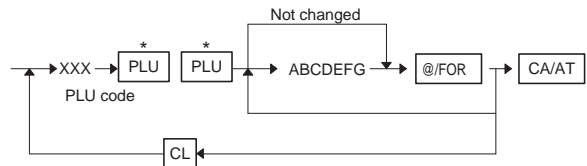
XXXXXXX : UNIT PRICE (Max. 7 digits)

MRS = 0

\* If the same [(-)n] key is depressed, programming mode is changed from "PRICE PROGRAMMING" to "FUNCTION PROGRAMMING" (from "FUNCTION PROGRAMMING" to "PRICE PROGRAMMING").

Note : Current price is displayed.

### 4) FUNCTION PROGRAMMING for (-) KEYS.



A : Not used (Fixed at "0")

B : Not used (Fixed at "0")

C :

Taxable4	C
Non taxable	0
Taxable	1

D :

Taxable3	D
Non taxable	0
Taxable	1

E :

Taxable2	E
Non taxable	0
Taxable	1

F :

Taxable 1	F
Non taxable	0
Taxable	1

G :

SICS Function	G
Normal	0
Single item cash sale	1

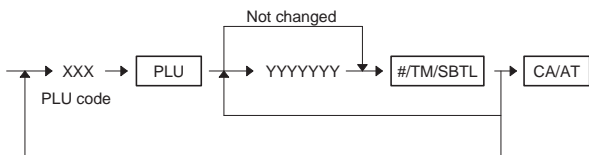
H: Limitation (Mantissa) = 0 ~ 9

I : Limitation (Exponebt) = 0 ~ 7

MRS = NORMAL, 17 HALO

Note : Current setting is displayed.

### 5) PLU PRESET PRICE SETTING



XXX : PLU CODE (001 to 999)

YYYYYYY : UNIT PRICE (7 digits)

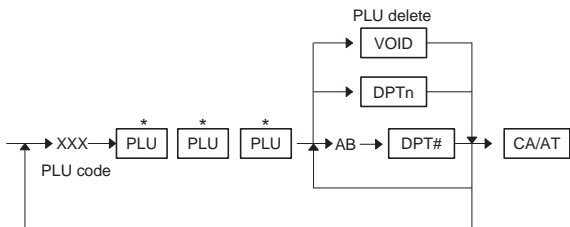
If the record of entered PLU code is not in PLU file at this programming, it will be created in PLU file.

MRS = 0

\* If the same [PLU] key is depressed, programming mode is changed from "PRICE PROGRAMMING" to "ATTRIBUTE PROGRAMMING" and changed to "PLU ASSOCIATION PROGRAMMING" by depressing the [PLU] key again.

Note : Current price is displayed.

### 6) PLU ASSOCIATION TO DEPARTMENTS



★ When starting setting, press [PLU] key three times. When continuing the same setting, press it once.

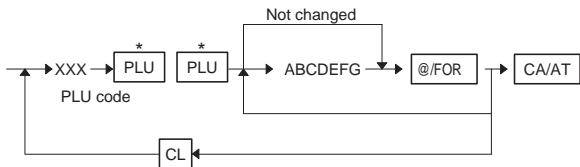
XXX : PLU CODE (001 to 999)

AB : Dept.code = 1 to 40

If the record of entered PLU code is not in PLU file at this programming, it will be created in PLU file.

MRS = 01

### 7) PROGRAMMING OF PLUISUBDEPT



★ When starting setting, press [PLU] key twice. When continuing the same setting, press it once.

XXX : PLU CODE (001 to 999)

A :	Sign	A
	+	0
	-	1

B : Not used (Fixed at "0")

C :	Taxable4	C
	Non taxable	0
	Taxable	1

D :	Taxable3	D
	Non taxable	0
	Taxable	1

E :	Taxable2	E
	Non taxable	0
	Taxable	1

F :	Taxable 1	F
	Non taxable	0
	Taxable	1

G :	Amount entry type	G
	Inhibited	0
	Open	1
	Preset	2
	Open and preset	3
	Delete	4

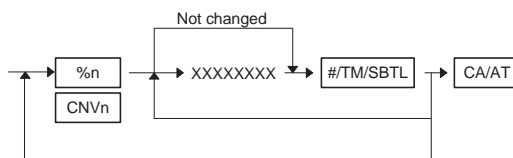
If the record of entered PLU code is not in PLU file at this programming, it will be created in PLU file.

MRS = 002

\* If the same [PLU] key is depressed, programming mode is changed from "PRICE PROGRAMMING" to "ATTRIBUTE PROGRAMMING" and changed to "PLU ASSOCIATION PROGRAMMING" by depressing the [PLU] key again.

Note : Current price is displayed.

### 8) PROGRAMMING RATE FOR %KEY



XXXXXXXX : 0.01% ~ 100.00% (%n)

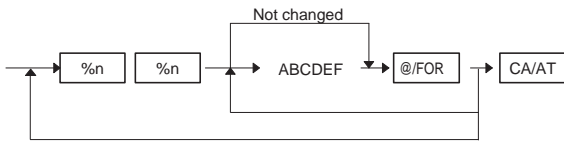
0.0001 ~ 9999.9999 (CNVn)

MRS = 0.00%

\* If the same [%n] key is depressed, programming mode is changed from "RATE PROGRAMMING" to "FUNCTION PROGRAMMING" (from "FUNCTION PROGRAMMING" to "RATE PROGRAMMING").

Note : Current price is displayed.

### 9) PROGRAMMING FOR %KEY



A :

Sign	A
+	0
-	1

B : Not used (Fixed at "0")

C :

Taxable4	C
Non taxable	0
Taxable	1

D :

Taxable3	D
Non taxable	0
Taxable	1

E :

Taxable2	E
Non taxable	0
Taxable	1

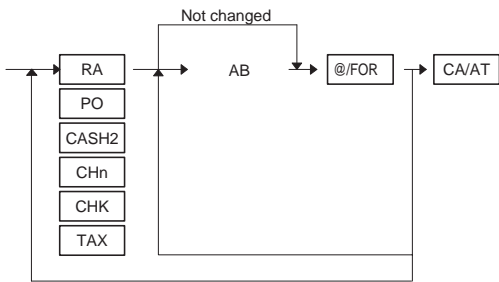
F :

Taxable1	F
Non taxable	0
Taxable	1

MRS = 100000

Note : Current price is displayed.

### 10) PROGRAMMING FOR MEDIA KEYS & FUNCTION KEYS



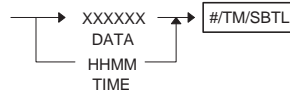
A : Mantissa (0 to 9)

B : Exponent (0 to.8)

MRS = 18 digits (RA, PO)  
 18 digits (CASH2, CHn, CHK)  
 17 digits (TAX)

Note : Current price is displayed.

### 11) DATE, TIME PROGRAMMING



DATE : date entry format follows SRV Programming (6 digits)

TIME : 24 hour system (4 digits)

MRS = DATE : 01 - 01 - 00  
 TIME : 00 - 00

### 12) CONSECUTIVE NO. PROGRAMMING

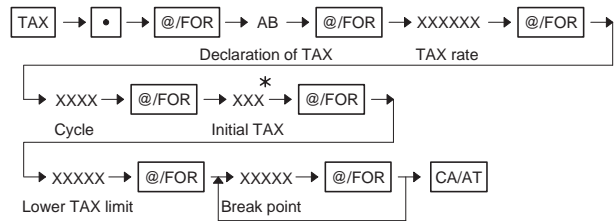


CONSECUTIVE NO.

CONSECUTIVE NO. : 0000 to 9999 (4 digits)

MRS = 0001

### 13) TAX TABLE PROGRAMMING



72 BREAKPOINTS CAN BE PROGRAMMED FOR EACH TAX TABLE.

(Case of interval between break point is 1 dollar or more and less than 100 dollar, 36 breakpoints is programmed for each table.)

\* DEPRESSION OF THE SBTL KEY AT THE FOLLOWING POINTS MEANS A TAX TABLE DELETE OPERATION.

A : INTERVAL BETWEEN BREAKPOINTS IS 1 DOLLAR OR MORE AND LESS THAN 100 DOLLAR = 1  
 INTERVAL BETWEEN BREAKPOINTS IS BELOW 1 DOLLAR :0

B : TABLE 1 PROGRAMMING = 1  
 TABLE 2 PROGRAMMING = 2  
 TABLE 3 PROGRAMMING = 3  
 TABLE 4 PROGRAMMING = 4

MRS = NO TAX

# CHAPTER 3. OP X/Z, X1/Z1,X2/Z2 MODE

The following categories of reports can be printed by the ECR.

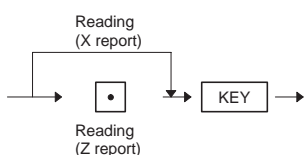
- 1) OP X/Z reports (individual clerk reports)
- 2) X1/Z1 reports (Daily sales total X and Z reports)
- 3) X2/Z2 reports (Periodic total X and Z reports)

## 1. Print report

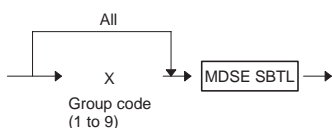
In the table below those reports marked with a circle "O" can be printed by the standard machine and those marked with an asterisk "\*" can be printed when the corresponding option is added.

REPORT NAME	KEY ENTRY	MODE						DATA FOR READING	REMARK
		OP X/Z		X1/Z1		X2/Z2			
		X	Z	X1	Z1	X2	Z2		
GENERAL	CA/AT			○	○	○	○		* 1
DEPT/GROUP	MDSE SBTL			○		○		GROUP CODE	* 1,* 2
TRANSACTION	CHK			○		○			* 1
HOURLY	#TM/SBTL			○	○				* 1
DAILY NET	#TM/SBTL					○	○		* 1
PLU(RANGE)	PLU			○	○	○	○	PLU CODE	* 1,* 3
PLU(DEPT)	DPTn DPT#			○		○		DEPT.CODE	* 1,* 4

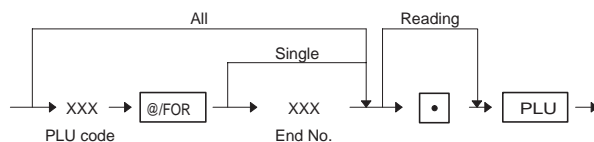
\* 1 To read respective reports, it is necessary to follow the procedure below.



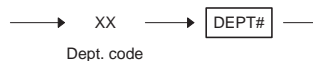
\* 2



\* 3 PLU code range can be specified by entering the start and end numbers according to the following procedure. When specifying a single time interval, PLU code, the start number has only to be entered.



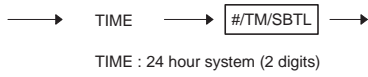
\* 4 To read respective reports, it is necessary to follow the procedure below.



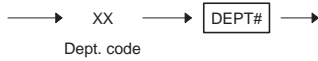
## 2. Flash report

REPORT NAME	KEY ENTRY	MODE						DATA FOR READING	REMARK
		OP X/Z		X1/Z1		X2/Z2			
		X	Z	X1	Z1 *3	X2	Z2 *3		
NET3	CA/AT	○							
DEPT	DPTn DPT#	○					DEPT. CODE	*7	
DEPT/GROUP	MDSE SBTL	○					GROUP CODE	*5	
HOURLY	#/TM/SBTL	○					TIME	*6	
CID	@/FOR	○							

\*5 To read respective reports, it is necessary to follow the procedure below.



\*6 To read respective reports, it is necessary to follow the procedure below.



\*7 To read respective reports, it is necessary to follow the procedure below.



## 3. Overflow mark

If the amount in any totalizer other than GT to be printed on X or Z reports exceeds a programmed limit, the indication mark (overflow mark) is printed for the totalizer concerned.

The overflow mark may be printed even if a totalizer does not reach the maximum amount. This occurs, for example, when the amount in the totalizer gets smaller than the maximum amount due to the entry of a negative amount after the overflowing of the totalizer. This means that when the totalizer overflows once, the overflow mark (for example, "★★★") is printed.

# SHARP

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**SHARP CORPORATION**  
**Information Systems Group**  
**Quality & Reliability Control Center**  
**Yamatokoriyama, Nara 639-1186, Japan**

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