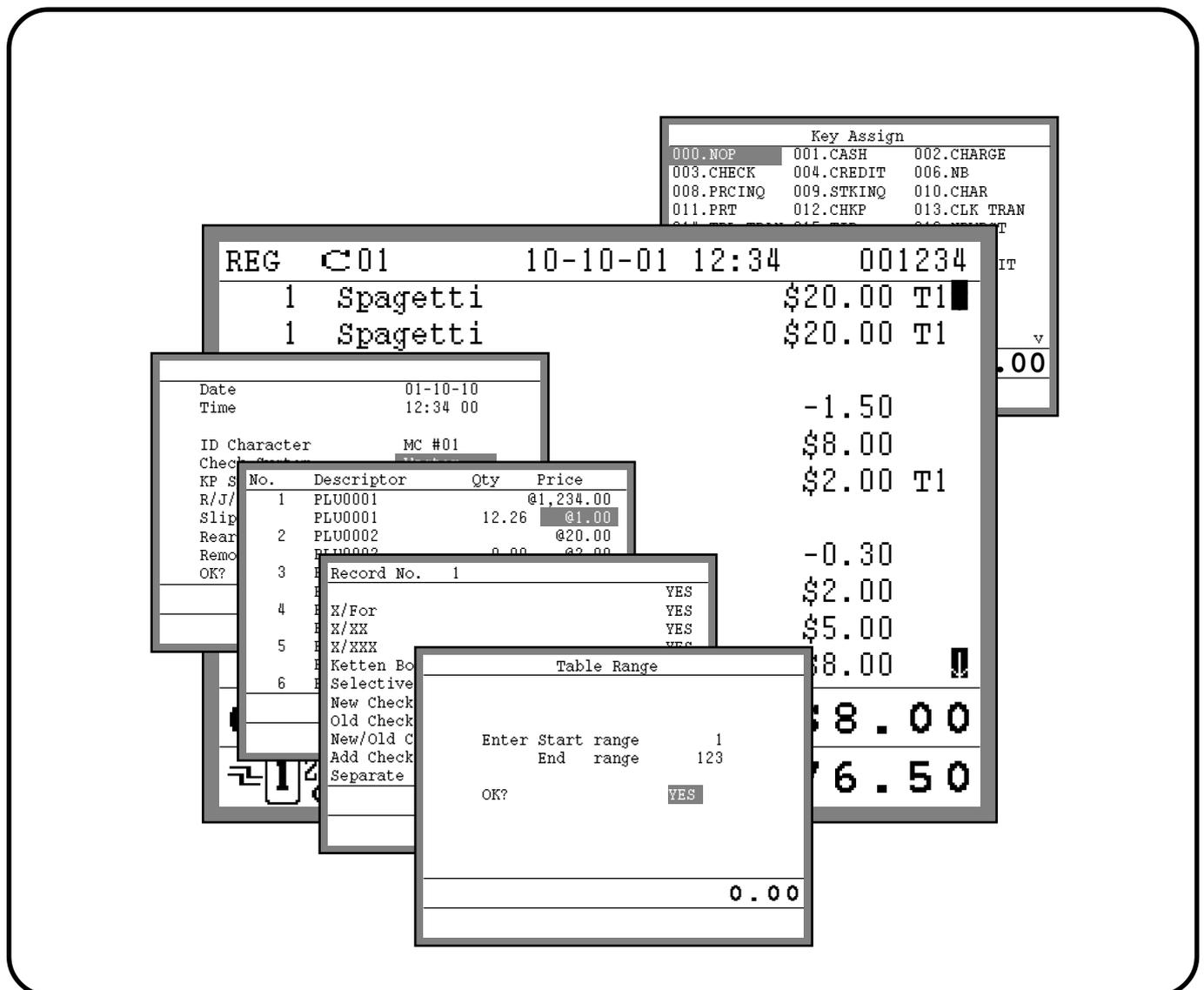


TE-7000S/8000F/8500F

Electronic Cash Register

Programming Manual

Version 1.2 August 2003



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Revised points

Version 1.1:

1. Add the program to prohibit “open check reset report”.
2. Expand the digit number of the start record number to display “TEXT RECALL WINDOW” from 99 to 9999.
3. Add the program to prohibit to issue receipt after EJ disp.

Version 1.2:

1. Add food stamp function.
2. Add the programming procedure similar to the general function program, for function keys.
3. Add the program to print receipt at the same time when registrations are made or print buffered receipt when finalize operation is made.
4. Add some error code for printer errors.
5. Change the default memory allocation pattern.

Preconditions for reading this manual

We suggest two preconditions for reading this manual.

1. A basic understanding of how the TE-7000S series devices must be configured/installed.
2. An understanding of the operational needs of restaurant, bar, and/or fast food outlets.

How to use this manual

This manual is designed to help make your programming chores simpler and easier. Programming procedures in this manual are represented using graphics that show you the keys you have to press or the data you need to input. Worksheets help you determine the programming codes you need to input to program the terminal. We recommend that you use the general procedure described below for programming.

General programming procedure

1. Determine the features and functions that you want to program to the terminal and use the worksheets to determine the programming codes. It might be a good idea to make copies of the worksheets you need before you fill them out.
2. Initialize the terminal.
3. Allocate memory in accordance with the features and functions you are about to program.
4. Perform the programming procedures you need, inputting the programming code from the worksheets.

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1. Machine Initialization

1-1. How to initialize the terminal

Preparation:

1. All peripheral devices and terminals of this cluster should be turned off.
2. Connect all of the peripheral devices (such as printer, display etc.) to terminal.
3. Connect all terminals by inline.

Operation:

Date	00-00-00
Time	
ID	
Check System	
R/J/Order Printer1	
R/J/Order Printer2	
Slip Printer	
OK?	YES

4. Turn on all peripheral devices of a terminal.
5. Turn on this terminal with pressing the Journal feed key and release the key after the "Copyright" window is shown.
6. After releasing the key, enter "20000" (U.S.), "10000" (other area: English), "40000" (other area: German), "50000" (other area: French), "60000" (other area: Spanish) and press the <ST> key.

7. Enter the current date (YY/MM/DD order) and time and press the <YES> key.

Date	01-10-10
Time	12:34 00
ID Character	MC #01
Check System	Master
Check cluster ID	0
R/J/Order Printer1	UP-350
R/J/Order Printer2	UP-350
Slip Printer	SP-1300
OK?	YES

8. In ID character field, the auto-defined ID No. is shown. We recommend that you should not change the value.

Date	01-10-10
Time	12:34 00
ID Character	MC #01
Check System	Master
Check cluster ID	0
R/J/Order Printer1	UP-350
R/J/Order Printer2	UP-350
Slip Printer	SP-1300
OK?	YES

9. In this field, you can select "1. Master / 2. Backup Master / 3. Satellite / 4.Selfmaster."
Please select one of these options and press the <YES> key.

Date	01-10-10
Time	12:34 00
ID Character	MC #01
Check System	Master
Check cluster ID	0
R/J/Order Printer1	UP-350
R/J/Order Printer2	UP-350
Slip Printer	SP-1300
OK?	YES

10. In this field, by pressing <YES> the check cluster No, should be set, if your check tracking system are divided in some clusters.
(Enter cluster No. "1" ~ "9", if you use check cluster system.)

Date	01-10-10
Time	12:34 00
ID Character	MC #01
Check System	Master
Check cluster ID	0
R/J/Order Printer1	UP-350
R/J/Order Printer2	UP-350
Slip Printer	SP-1300
OK?	YES

11. In these fields, by pressing <YES> you can select, "1. No / 2. UP-350 / 3. UP-250" for R/J/Order printer.
Please select one of these options and press the <YES> key.

Date	01-10-10
Time	12:34 00
ID Character	MC #01
Check System	Master
Check cluster ID	0
R/J/Order Printer1	UP-350
R/J/Order Printer2	UP-350
Slip Printer	SP-1300
OK?	YES

12. In this field, By pressing <YES> you can select, "1. No / 2. SP-1300" for slip printer.
Please select one of these options and press the <YES> key.

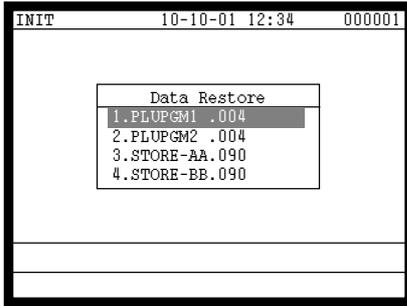
Date	01-10-10
Time	12:34 00
ID Character	MC #01
Check System	Master
Check cluster ID	0
R/J/Order Printer1	UP-350
R/J/Order Printer2	UP-350
Slip Printer	SP-1300
OK?	YES

13. Please confirm all of the field and if they are all right, press the <YES> key to proceed the next step.

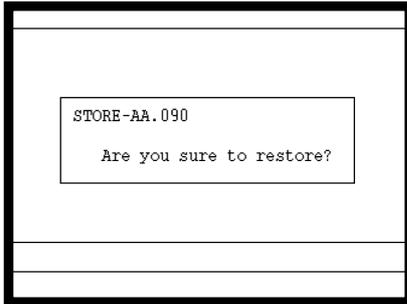
INIT	10-10-01 12:34	000001
AUTO PGM		
1.No Restore / Receive		
2.PGM Restore (CF Card)		
3.PGM Receive (Inline)		

14. If you want to download program data from other terminal or CF card, select the appropriate menu and press the <YES> key and proceed the next step.
If you don't need to download any program data, just select "1. No Restore / Receive" and press the <YES> key.
If you have another machine to initialize, return to step 4.

Restore from CF card.

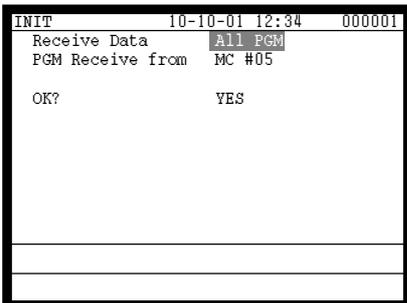


15. Insert the CF card into the slot and select the appropriate file and press the <YES> key.

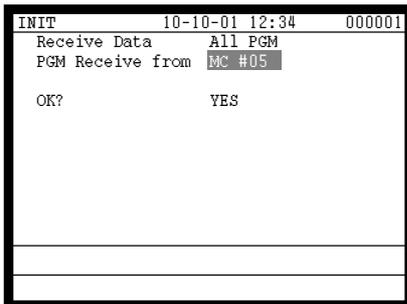


16. After the confirmation window is shown, press the <YES> key to proceed restoring. After completion of downloading, return to step 4 to initialize other terminals.

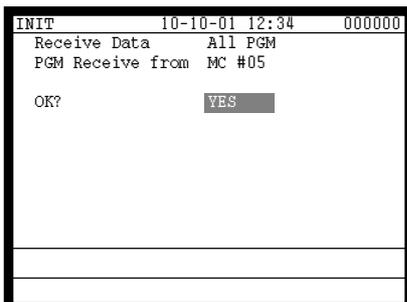
Program receive from other terminal.



15. In this field, by pressing <YES> you can select the receiving contents as "1. All Data (including totalizer) / 2. All PGM (program only)."



16. In this field, by pressing <YES> you should enter the source ID number of the data and press the <YES> key.



17. Please confirm all of the fields and if they are all right, press the <YES> key to proceed downloading. After completion of downloading, return to step 4 to initialize other terminals.

1-2. How to initialize the terminal (add / replace one terminal)

Preparation:

1. All peripheral devices and terminals of this cluster should be turned off.
2. Connect all of the peripheral devices (such as printer, display etc.) to this terminal.
3. Connect the added / replaced terminal to inline.

Operation:

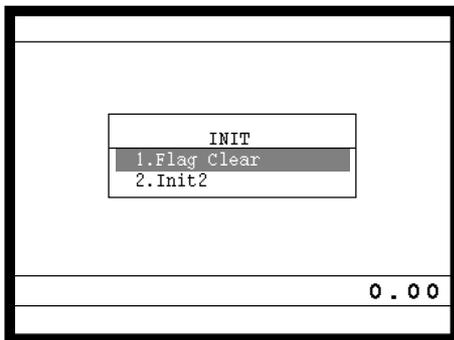
Follow the steps shown on the page 8 to 10.

1-3. How to flag clear the terminal (or INIT2)

Preparation:

1. All peripheral devices and this terminal should be turned off.
2. Check the connection of all peripheral devices (such as printer, display etc.) of this terminal.
3. Check the connection of this terminal to inline.

Operation:



4. Turn on all peripheral devices of this terminal.
5. Turn on this terminal with pressing the "Receipt feed" key and release the key after the "Copyright" window is shown.
6. After releasing the key, press the <ST> key.

7. Select "1. Flag Clear" and press the <YES> key.
The flag clear operation is finished.

Note:

Performing "Init 2" requires password "8888888888" and <YES>.

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2-2. Programming memory allocation (periodic & work)	P-15
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2. Program 5

2-1. Programming memory allocation (daily & program)

Operation:

```

P5 C01      10-10-01 12:34      000001
-----
          PGM-5
          1.Memory Alloc
-----
                                0.00
    
```

1. Sign on a clerk (if necessary).
2. Press <PGM MODE> repeatedly or “5” <PGM MODE> to assign Program 5 mode.

```

Memory Alloc
-----
          Memory Alloc
          1.Daily & PGM
          2.Periodic & Work
          3.Individual File
-----
                                0.00
    
```

3. Press the <YES> key.

4. Select “1. Daily & PGM” and press the <YES> key.

```

Daily & PGM
-----
Cashier/Clerk      15
Check Tracking Tables 60
  Items/Table      60
  Item Blocks      1
Table Analysis    10
PLU                324
PLU 2nd@          324
Shift PLU         108
-----
          RAM      22688
-----
                                0.00
    
```

```

Daily & PGM
-----
Scanning PLU link 100
Pull-down Group   20
Set Menu Table    30
Sub-Department    0
Department        4
Group            20
Receipt/SLIP Msg  96
Text Recall       99
-----
          RAM      22688
-----
                                0.00
    
```

```

Daily & PGM
-----
Order Char Link   10
Void Table        10
Free Function     100
Time Zone         0
Hourly Production 0
Hourly Labor      0
Employee          0
Job Code          0
-----
          RAM      22688
-----
                                0.00
    
```

The remainder of memory

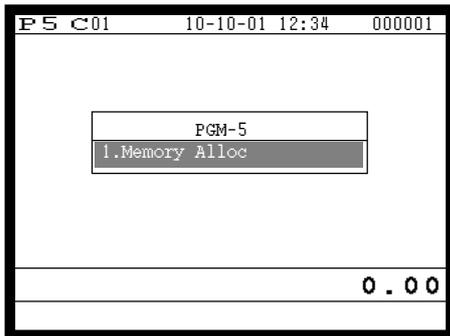
```

Daily & PGM
-----
Hourly Production 0
Hourly Labor      0
Employee          0
Job Code          0
IDC Link         0
IDC (1)          0
IDC (2)          0
IDC (3)          0
-----
          RAM      22688
-----
                                0.00
    
```

5. Select an appropriate file, enter the appropriate numbers you want to allocate and press the <YES> key.
The lowest row shows the remaining memory.
6. Press the <ESC> key to return to the previous menu.

2-2. Programming memory allocation (periodic & work)

Operation:



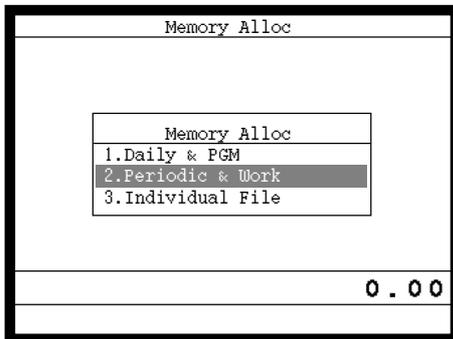
PGM-5
1.Memory Alloc

0.00

This screenshot shows the main menu for PGM-5. At the top, it displays 'P5 C01', the date '10-10-01', the time '12:34', and the user ID '000001'. The menu options are 'PGM-5' and '1.Memory Alloc'. The '1.Memory Alloc' option is highlighted. At the bottom right, the value '0.00' is displayed.

1. Sign on a clerk (if necessary).
2. Press <PGM MODE> repeatedly or “5” <PGM MODE> to assign Program 5 mode.

3. Press the <YES> key.



Memory Alloc

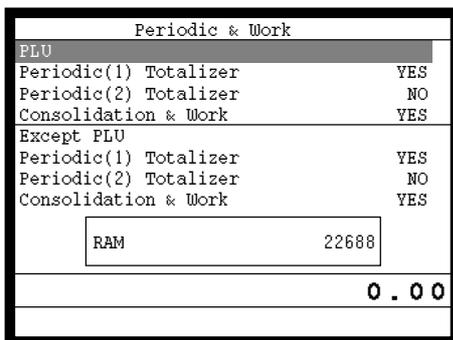
Memory Alloc

1.Daily & PGM
2.Periodic & Work
3.Individual File

0.00

This screenshot shows the 'Memory Alloc' menu. The title is 'Memory Alloc'. The menu options are 'Memory Alloc', '1.Daily & PGM', '2.Periodic & Work', and '3.Individual File'. The '2.Periodic & Work' option is highlighted. At the bottom right, the value '0.00' is displayed.

4. Select “2. Periodic & Work” and press the <YES> key.



Periodic & Work

PLU	
Periodic(1) Totalizer	YES
Periodic(2) Totalizer	NO
Consolidation & Work	YES
Except PLU	
Periodic(1) Totalizer	YES
Periodic(2) Totalizer	NO
Consolidation & Work	YES

RAM 22688

0.00

This screenshot shows the 'Periodic & Work' menu. It contains a table with two sections: 'PLU' and 'Except PLU'. Each section has three rows for 'Periodic(1) Totalizer', 'Periodic(2) Totalizer', and 'Consolidation & Work'. The 'PLU' section has values YES, NO, YES. The 'Except PLU' section has values YES, NO, YES. Below the table, there is a field for 'RAM' with the value '22688'. At the bottom right, the value '0.00' is displayed.

5. Select an appropriate row and press the <YES> (allocate) or <NO> (not allocate) key.
6. Press the <ESC> key to return to the previous menu.

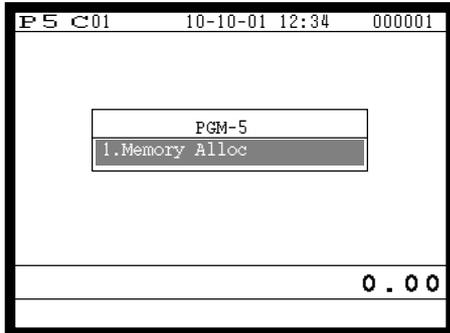
Note:

The Flag Clear operation resets “YES” status. However it does not reallocate the files that were already allocated on this screen.

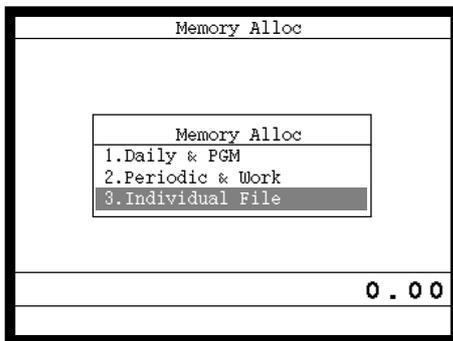
2-3. Programming memory allocation file by file

If you want to allocate files file by file, follow the procedures below.

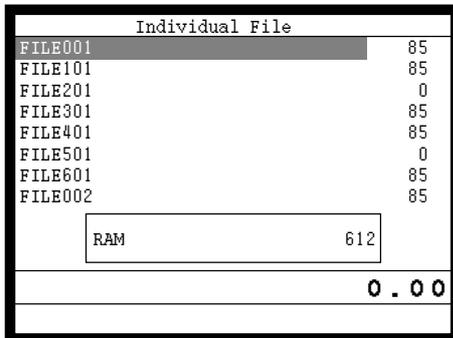
Operation:



1. Sign on a clerk (if necessary).
2. Press <PGM MODE> repeatedly or "5" <PGM MODE> to assign Program 5 mode.



3. Press the <YES> key.



4. Select "3. Individual File" and press the <YES> key.

5. Select the file number you want to change and enter record number you want to allocate ("0" means file deletion).
6. Press the <ESC> key to return to the previous menu.

File No.	File description	Record length	Max. No. of records	Default rec No.	Work size	Description	Attribution	Allocatable
System files								
074	Key table	42	192	192	194		Program	No
901	System connection table	18	33	33	40		Program	No
902	I/O parameter	5	15	15	33		Program	No
903	Printer connection	27	99	24	61		Program	Yes
904	Consecutive number	3	10	10	33		Buffer	No
905	Auto program control	3	20	20	40		Program	Yes
906	LCD color control	8	10	10	33		Program	Yes
999	System error log	11	999	40	68		Buffer	Yes
Function and total files								
001	Fixed totalizer	26	85	85	47		Pgm/Sales	No
101	(periodic total 1)	10	85	85	40		Sales	Yes
201	(periodic total 2)	10	85	0	40		Sales	Yes
301	(daily consolidation)	10	85	85	40	for master	Sales	Yes
401	(periodic 1 consolidation)	10	85	85	40	for master	Sales	Yes
501	(periodic 2 consolidation)	10	85	0	40	for master	Sales	Yes
601	(consolidation work)	10	85	85	40	for master	Buffer	Yes
002	Transaction key	39	999	100	68		Pgm/Sales	Yes
102	(periodic total 1)	10	999	100	40		Sales	Yes
202	(periodic total 2)	10	999	0	40		Sales	Yes
302	(daily consolidation)	10	999	100	40	for master	Sales	Yes
402	(periodic 1 consolidation)	10	999	100	40	for master	Sales	Yes
502	(periodic 2 consolidation)	10	999	0	40	for master	Sales	Yes
602	(consolidation work)	10	999	100	40	for master	Buffer	Yes
003	Subdepartment	57	99	10	110		Pgm/Sales	Yes
103	(periodic total 1)	15	99	10	47		Sales	Yes
203	(periodic total 2)	15	99	0	47		Sales	Yes
303	(daily consolidation)	15	99	10	47	for master	Sales	Yes
403	(periodic 1 consolidation)	15	99	10	47	for master	Sales	Yes
503	(periodic 2 consolidation)	15	99	0	47	for master	Sales	Yes
603	(consolidation work)	15	99	10	47	for master	Buffer	Yes
004	PLU	95	9999	324	187		Pgm/Sales	Yes
104	(periodic total 1)	30	9999	324	68		Sales	Yes
204	(periodic total 2)	30	9999	0	68		Sales	Yes
304	(daily consolidation)	30	9999	324	68	for master	Sales	Yes
404	(periodic 1 consolidation)	30	9999	324	68	for master	Sales	Yes
504	(periodic 2 consolidation)	30	9999	0	68	for master	Sales	Yes
604	(consolidation work)	30	9999	324	68	for master	Buffer	Yes
005	Department	57	99	10	110		Pgm/Sales	Yes
105	(periodic total 1)	15	99	10	47		Sales	Yes
205	(periodic total 2)	15	99	0	47		Sales	Yes
305	(daily consolidation)	15	99	10	47	for master	Sales	Yes
405	(periodic 1 consolidation)	15	99	10	47	for master	Sales	Yes
505	(periodic 2 consolidation)	15	99	0	47	for master	Sales	Yes
605	(consolidation work)	15	99	10	47	for master	Buffer	Yes
006	Group	26	99	10	47		Pgm/Sales	Yes
106	(periodic total 1)	10	99	10	40		Sales	Yes
206	(periodic total 2)	10	99	0	40		Sales	Yes
306	(daily consolidation)	10	99	10	40	for master	Sales	Yes
406	(periodic 1 consolidation)	10	99	10	40	for master	Sales	Yes
506	(periodic 2 consolidation)	10	99	0	40	for master	Sales	Yes
606	(consolidation work)	10	99	10	40	for master	Buffer	Yes
009	Hourly sales	20	96	24	54		Sales	Yes
109	(periodic total 1)	20	96	24	54		Sales	Yes
209	(periodic total 2)	20	96	0	54		Sales	Yes
309	(daily consolidation)	20	96	24	54	for master	Sales	Yes
409	(periodic 1 consolidation)	20	96	24	54	for master	Sales	Yes
509	(periodic 2 consolidation)	20	96	0	54	for master	Sales	Yes
609	(consolidation work)	20	96	24	54	for master	Buffer	Yes

Program 5

File No.	File description	Record length	Max. No. of records	Default rec No.	Work size	Description	Attribution	Allocatable
010	Monthly sales	20	32	32	54		Sales	Yes
110	(periodic total 1)	20	32	32	54		Sales	Yes
210	(periodic total 2)	20	32	0	54		Sales	Yes
310	(daily consolidation)	20	32	32	54	for master	Sales	Yes
410	(periodic 1 consolidation)	20	32	32	54	for master	Sales	Yes
510	(periodic 2 consolidation)	20	32	0	54	for master	Sales	Yes
610	(consolidation work)	20	32	32	54	for master	Buffer	Yes
012	Void reason	29	99	10	54		Pgm/Sale	Yes
112	(periodic total 1)	10	99	10	40		Sales	Yes
212	(periodic total 2)	10	99	0	40		Sales	Yes
312	(daily consolidation)	10	99	10	40	for master	Sales	Yes
412	(periodic 1 consolidation)	10	99	10	40	for master	Sales	Yes
512	(periodic 2 consolidation)	10	99	0	40	for master	Sales	Yes
612	(consolidation work)	10	99	10	40	for master	Buffer	Yes
018	Table analysis	32	99	10	61		Pgm/Sale	Yes
118	(periodic total 1)	10	99	10	40		Sales	Yes
218	(periodic total 2)	10	99	0	40		Sales	Yes
318	(daily consolidation)	10	99	10	40	for master	Sales	Yes
418	(periodic 1 consolidation)	10	99	10	40	for master	Sales	Yes
518	(periodic 2 consolidation)	10	99	0	40	for master	Sales	Yes
618	(consolidation work)	10	99	10	40	for master	Buffer	Yes
020	Grand total	24	3	3	40		Pgm/Sale	No
120	(periodic total 1)	8	3	3	33		Sales	Yes
220	(periodic total 2)	8	3	0	33		Sales	Yes
320	(daily consolidation)	8	3	3	33	for master	Sales	Yes
420	(periodic 1 consolidation)	8	3	3	33	for master	Sales	Yes
520	(periodic 2 consolidation)	8	3	0	33	for master	Sales	Yes
620	(consolidation work)	8	3	3	33	for master	Buffer	Yes
055	Shift PLU	91	9999	324	173		Pgm/Sale	Yes
155	(periodic total 1)	70	9999	324	124		Sales	Yes
255	(periodic total 2)	70	9999	0	124		Sales	Yes
355	(daily consolidation)	70	9999	324	124	for master	Sales	Yes
455	(periodic 1 consolidation)	70	9999	324	124	for master	Sales	Yes
555	(periodic 2 consolidation)	70	9999	0	124	for master	Sales	Yes
655	(consolidation work)	70	9999	324	124	for master	Buffer	Yes
Clerk								
007	Clerk	95	99	10	145		Program	Yes
030	Clerk detail link	4	99	10	40		Program	Yes
027	Clerk (Dallas) key ID	14	200	10	40		Program	Yes
011	Clerk detail	10	9801	60	40		Sales	Yes
111	(periodic total 1)	10	9801	60	40		Sales	Yes
211	(periodic total 2)	10	9801	0	40		Sales	Yes
311	(daily consolidation)	10	9801	60	40	for master	Sales	Yes
411	(periodic 1 consolidation)	10	9801	60	40	for master	Sales	Yes
511	(periodic 2 consolidation)	10	9801	0	40	for master	Sales	Yes
611	(consolidation work)	10	9801	60	40	for master	Buffer	Yes
Time & Attendance								
014	Hourly / Labor	26	96	96	68		Sales	Yes
114	(periodic total 1)	26	96	0	68		Sales	Yes
214	(periodic total 2)	26	96	0	68		Sales	Yes
314	(daily consolidation)	26	96	0	68	for master	Sales	Yes
414	(periodic 1 consolidation)	26	96	0	68	for master	Sales	Yes
514	(periodic 2 consolidation)	26	96	0	68	for master	Sales	Yes
614	(consolidation work)	26	96	0	68	for master	Buffer	Yes
019	Work time	18	4158	420	82		Buffer	Yes
319	(daily consolidation)	18	4158	0	82	for master	Buffer	Yes
800	Time zone	6	24	24	47		Program	Yes
801	Employee	36	99	10	110		Program	Yes
802	Job code	22	50	5	54		Program	Yes

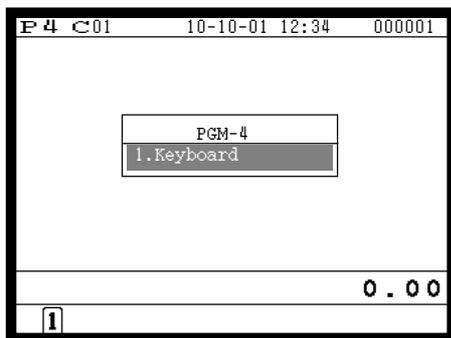
File No.	File description	Record length	Max. No. of records	Default rec No.	Work size	Description	Attribution	Allocatable
803	Schedule	11	2079	210	82		Program	Yes
806	Time & Attendance work	99	1	1	33		Buffer	Yes
Check								
015	Check Index	300	200	80	40		Buffer	Yes
060	Check detail	80	9999	4880	33		Buffer	Yes
066	Check detail work	80	2000	244	33		Buffer	Yes
Hourly item								
021	Hourly item	10	1920	1920	40		Sales	Yes
121	(periodic total 1)	10	1920	0	40		Sales	Yes
221	(periodic total 2)	10	1920	0	40		Sales	Yes
321	(daily consolidation)	10	1920	0	40	for master	Sales	Yes
421	(periodic 1 consolidation)	10	1920	0	40	for master	Sales	Yes
521	(periodic 2 consolidation)	10	1920	0	40	for master	Sales	Yes
621	(consolidation work)	10	1920	0	40	for master	Buffer	Yes
031	Hourly item link	4	480	480	40		Program	Yes
IDC								
057	IDC (1)	50	9999	0	33		Sales	Yes
357	(consolidation file)	50	9999	0	33	for master	Sales	Yes
657	(consolidation work)	50	9999	0	33	for master	Buffer	Yes
058	IDC (2)	50	9999	0	33		Sales	Yes
358	(consolidation file)	50	9999	0	33	for master	Sales	Yes
658	(consolidation work)	50	9999	0	33	for master	Buffer	Yes
059	IDC (3)	50	9999	0	33		Sales	Yes
359	(consolidation file)	50	9999	0	33	for master	Sales	Yes
659	(consolidation work)	50	9999	0	33	for master	Buffer	Yes
063	IDC buffer	50	9999	0	33		Buffer	Yes
804	IDC link	6	999	0	54		Program	Yes
Program / message / buffer								
016	Scanning PLU link	9	300	0	40		Program	Yes
022	General control	6	37	37	33		Program	No
023	Special character	16	71	71	33		Program	No
024	Report header	16	30	30	33		Program	No
025	Tax table	74	10	5	117		Program	Yes
026	Pulldown group	103	999	40	208		Program	Yes
028	Set menu table	80	999	10	166		Program	Yes
029	Batch X/Z	9	10	4	33		Program	Yes
032	Receipt / slip message	40	96	96	33		Program	Yes
033	Endorse message	40	4	4	33		Program	Yes
035	Print buffer (external printer)	80	999	720	33		Buffer	Yes
036	Registration buffer	80	2000	240	33		Buffer	Yes
039	Character recall	40	9999	10	33		Program	Yes
041	Check print	3	9	9	33		Program	Yes
043	Print buffer (internal printer)	31	999	240	33		Buffer	Yes
044	Display buffer	40	1000	120	33		Buffer	Yes
047	Graphic logo (external printer)	13	432/864	432	33		Program	Yes
048	Electronic journal memory	41	1000	240	33		Buffer	Yes
648	Electronic journal (collection)	41	12336	0	33	for master	Buffer	Yes
054	PLU 2nd @	47	9999	324	96		Program	Yes
062	Scheduler	14	99	4	40		Program	Yes
065	Order character	16	99	10	33		Program	Yes
067	Graphic logo (internal printer)	54	168	168	33		Program	Yes
068	Watermark	54	168	168	33		Program	Yes
099	Euro program	4	3	0	33		Program	Yes
Arrangement								
038	Arrange group (1)	24	9999	200	33		Program	Yes
138	Arrange group (2)	24	9999	0	33		Program	Yes
238	Arrange group (3)	24	9999	0	33		Program	Yes
338	Arrange group (4)	24	9999	0	33		Program	Yes
438	Arrange group (5)	24	9999	0	33		Program	Yes

3. Program 4	P-22
3-1. Programming key allocation	P-22
3-2. Programming key allocation (key location change)	P-24
3-3. Programming key allocation	P-27

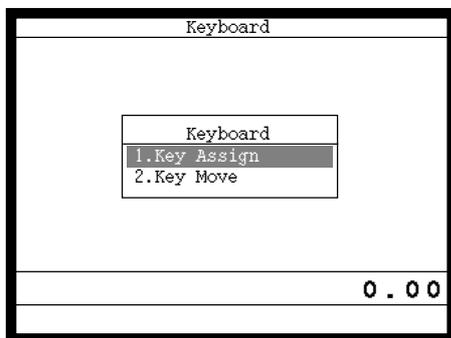
3. Program 4

3-1. Programming key allocation

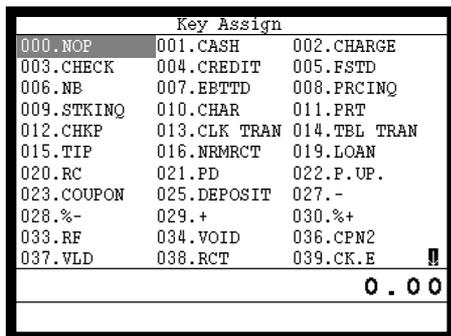
Operation:



1. Sign on a clerk (if necessary).
2. Put the first level menu sheet on the keyboard.
3. Press <PGM MODE> repeatedly or “4” <PGM MODE> to assign Program 4 mode .



4. Press the <YES> key.



5. Select “1. Key Assign” and press the <YES> key.

6. Select an appropriate function and press the <YES> key.
Then press the corresponding key*.
Or select an appropriate function by the function code list (see the next page), enter record No. (in 4-digits) and function code (in 3-digits) and press the corresponding key.

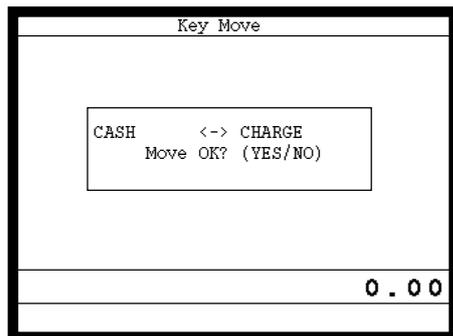
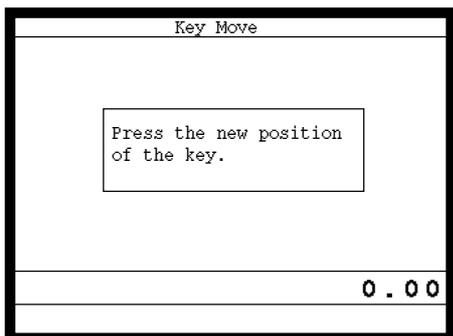
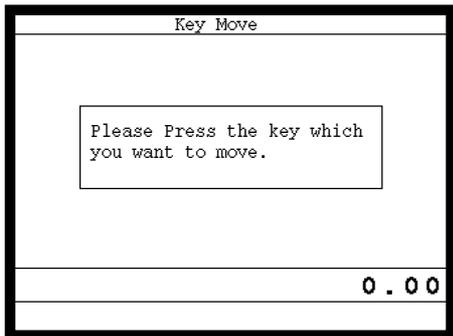
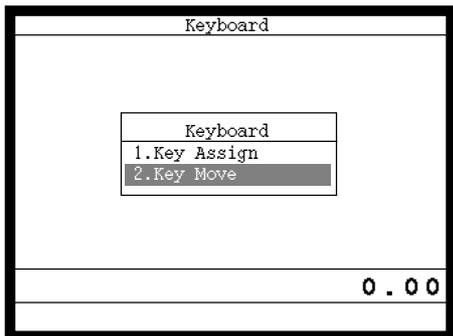
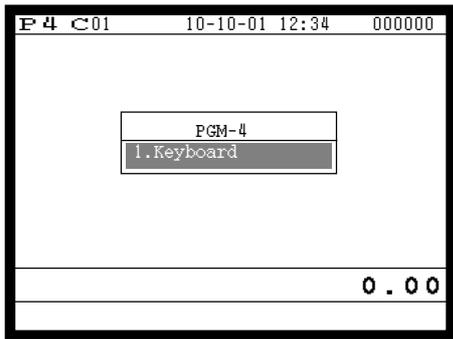
* In case of presetting flat-PLU, record No. or random PLU code is necessary. In case of presetting department/subdepartment, record No. is necessary.

7. Press the <ESC> key to return to the previous menu.

Function	Code	Initial character	Function	Code	Initial character
Add check	094	ADD CHK	Non-add / No sale	041	#/NS
Arrangement	044	ARG	OBR	103	OBR
Bill copy	047	BILL	Old check	092	OLD CHK
Break-in / out	109	BREAK-IN/OUT	Open	067	OPEN
Cancel	236	CANCEL	Open2	068	OPEN2
Cash amount tendered	001	CASH	Open Check	117	OPEN CHK
Charge	002	CHARGE	Operator number	078	OPE#
Check endorsement	039	CK.E	Operator read / Reset	073	OPE X/Z
Check print	012	CHKP	Paid out	021	PD
Check tender	003	CHECK	Pick up	022	P.UP
Clerk number	072	CLK#	Plus	029	+
Clerk transfer	013	CLK TRANS	PLU	048	PLU#
Clock-in/out	108	CLOCK-IN/OUT	Post entry	115	POST ENTRY
Coupon	023	COUPON	Premium	030	%+
Coupon 2	036	CPN2	Price inquiry	008	PRCINQ
Credit	004	CREDIT	Price	049	PRC
Cube	090	XXX	Quantity / For	083	QT
Currency exchange	045	CE	Recall	131	RECALL
Customer number	043	CT	Receipt	038	RCT
Declaration	061	DECLA	Receipt On / Off	076	RCT ON/OFF
Department	051	DEPT nn	Received on account	020	RC
Department number	135	DEPT#	Refund	033	RF
Deposit	025	DEPOSIT	Reverse display	206	REVERSE DSP
Discount	028	%-	Round repeat	116	ROUND REPEAT
Display mode	219	DISP MODE	Seat number	119	SEAT#
Dutch account	140	DUTCH	Second unit price	070	2nd@
Eat-in	128	EAT-IN	Selective item subtotal	085	SIST
EBT tender	007	EBTTD	Separate check	095	SEP CHK
Electronic journal display	207	EJ DISP	Shift PLU	065	SFT PLU
Error correct / Void	034	VOID	Slip back feed / Release	054	SB/R
First unit price	069	1st@	Slip feed / Release	056	SF/R
Flat PLU	063	PLU nnnn	Slip print	055	SLIP
Food stamp status shift	059	F/S	Square	084	XX
Food stamp subtotal	081	FSST	Stock inquiry	009	STKINQ
Food stamp tender	005	FSTD	Store	130	STORE
House Bon	114	HOUSE BON	Subdepartment	133	SUBDEPT nn
Ketten Bon	113	X/KETTEN	Subdepartment number	134	SDPT#
List	136	LIST	Substitution	111	SUBST.
List number	137	LIST#	Subtotal	075	SUBTOTAL
Loan	019	LOAN	Table number	058	TBL#
Lock out unused key	000	NOP	Table transfer	014	TBL TRANS
Media change	118	MEDIA CHG	Takeout	129	TAKE-OUT
Menu shift	064	MENU	Tax status shift	057	T/S
Merchandise subtotal	080	MDST	Taxable amount subtotal	077	TAST
Minus	027	-	Tax exempt	062	EXEMPT
Multiplication	082	X	Text print	011	PRT
New balance	006	NB	Text recall	010	CHAR
New check	091	NEW CHK	Tray total	074	TRAY TTL
New / Old check	093	NEW/OLD	Tip	015	TIP
Normal receipt	016	NRMRCT	Validation	037	VLD
No sale	042	NS	VAT	046	VAT
Non-add	040	#	X/Z mode	122	X/Z MODE

3-2. Programming key allocation (key location change)

Operation:

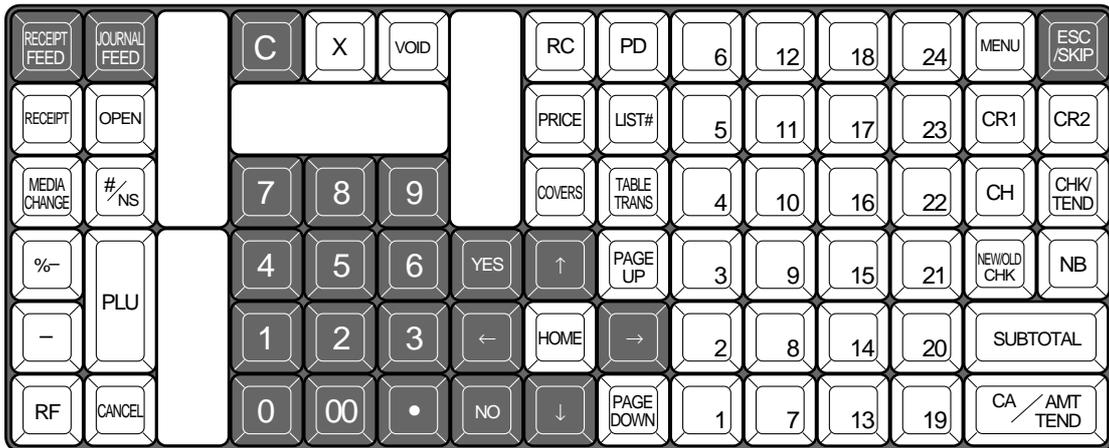
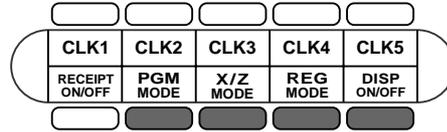


1. Sign on a clerk (if necessary).
2. Press <PGM MODE> repeatedly or “4” <PGM MODE> to assign Program 4 mode.
3. Press the <YES> key.
4. Select “2. Key Move” and press the <YES> key.
5. Press the first key you want to change.
6. Press the second key you want to change.
7. Press the <YES> key after confirmation.
8. Press <ESC> key to return to the previous menu.

Keyboard layout

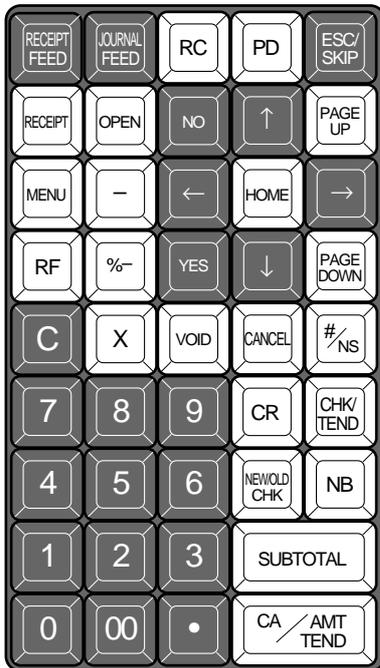
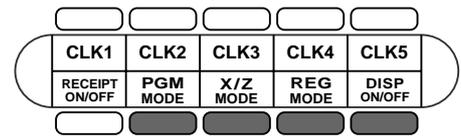
The shadowed key cannot be programmed with any other functions.

TE-7000S



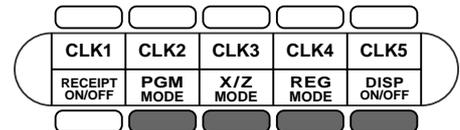
Program 4

TE-8000F



9	18	27	36	45	54	63	72	81	90	99	108
8	17	26	35	44	53	62	71	80	89	98	107
7	16	25	34	43	52	61	70	79	88	97	106
6	15	24	33	42	51	60	69	78	87	96	105
5	14	23	32	41	50	59	68	77	86	95	104
4	13	22	31	40	49	58	67	76	85	94	103
3	12	21	30	39	48	57	66	75	84	93	102
2	11	20	29	38	47	56	65	74	83	92	101
1	10	19	28	37	46	55	64	73	82	91	100

TE-8500F



RECEIPT FEED	JOURNAL FEED	25	34	43	52	61	70	79	88	97	106	RECEIPT	MENU	RC	PD	ESC/SKIP
8	16	24	33	42	51	60	69	78	87	96	105	COVERS	TABLE TRANS	NO	↑	PAGE UP
7	15	23	32	41	50	59	68	77	86	95	104	%-	-	←	HOME	→
6	14	22	31	40	49	58	67	76	85	94	103	RF	OPEN	YES	↓	PAGE DOWN
5	13	21	30	39	48	57	66	75	84	93	102	C	X	VOID	CANCEL	#/NS
4	12	20	29	38	47	56	65	74	83	92	101	7	8	9	CR	CHK/TEND
3	11	19	28	37	46	55	64	73	82	91	100	4	5	6	NEW/OLD CHK	NB
2	10	18	27	36	45	54	63	72	81	90	99	1	2	3	SUBTOTAL	
1	9	17	26	35	44	53	62	71	80	89	98	0	00	.	CA/AMT TEND	

3-3. Programming key allocation

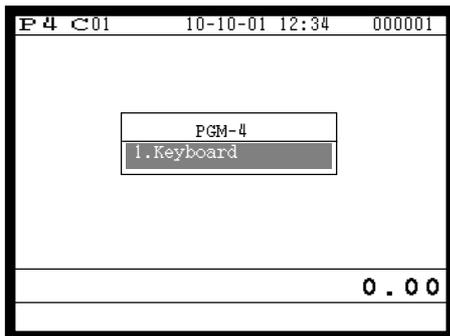
Programming different function on the same location of the different menu sheet level.

Method 1

Operation:

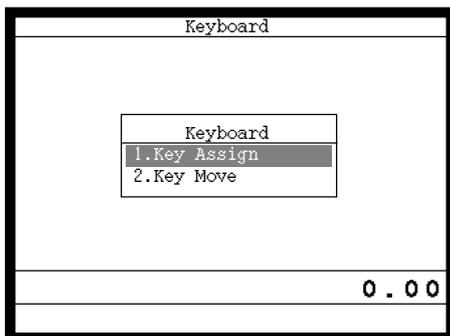
First of all, programming one function on one menu sheet by the method of Section 3-1. Next, issue “5. Function Key” report in the “6. Key Feature” of the “PGM Read Report” in PGM 6 mode.

And open the function key allocation screen.

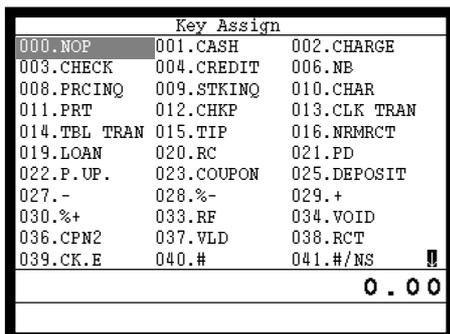


1. Sign on a clerk (if necessary).
2. Press <PGM MODE> repeatedly or “4” <PGM MODE> to assign Program 4 mode.

3. Press the <YES> key.



4. Select “1. Key Assign” and press the <YES> key.

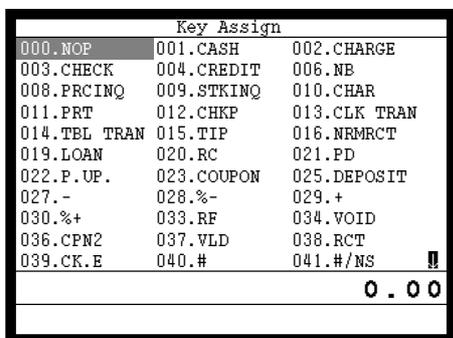
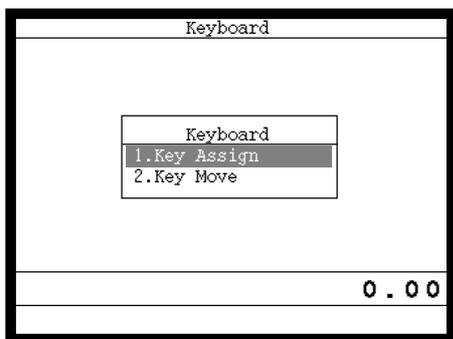
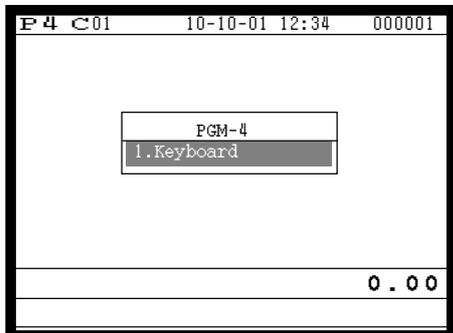


5. Enter the appropriate record number (in 4-digits) and function code (in 3-digits) and press the corresponding key on the appropriate menu sheet. In case of presetting flat-PLU, you can enter random PLU code instead of record No.
6. Press the <ESC> key to return to the previous menu.

Method 2

Operation:

In case of allocating different functions from the functions of the same location on the first level menu sheet, turn the menu sheet or press the <MENU> key and allocate the function on the menu sheet which you want to put.



1. Sign on a clerk (if necessary).
2. Put on the menu sheet you want to program.
3. Press <PGM MODE> repeatedly or “4” <PGM MODE> to assign Program 4 mode.

4. Press the <YES> key.

5. Select “1. Key Assign” and press the <YES> key.

6. Select an appropriate function and press the <YES> key.
Then press the corresponding key*.
Or select an appropriate function by the function code list (see the next page), enter record No. which is different from the number in the first menu sheet (in 4-digits) and function code (in 3-digits) and press the corresponding key.
* In case of presetting flat-PLU, record No. or random PLU code is necessary. In case of presetting department/subdepartment, record No. is necessary.

7. Press the <ESC> key to return to the previous menu.

4. Program 3	P-32
4-1. Programming machine features	P-32
4-1-1 Programming pulldown group (adding / modifying / deleting group item)	P-32
4-1-2 Programming set menu table	P-34
4-1-3 Programming arrangement	P-36
4-1-4 Programming batch X/Z report	P-37
4-1-5 Programming the general feature	P-39
4-1-5-1 Programming the machine control 1	P-39
4-1-5-2 Programming the machine control 2	P-40
4-1-5-3 Programming the machine control 3	P-42
4-1-5-4 Programming the machine control 4	P-43
4-1-5-5 Programming the print control	P-44
4-1-5-6 Programming the report control 1	P-45
4-1-5-7 Programming the report control 2	P-46
4-1-5-8 Programming the communication	P-47
4-1-5-9 Programming the hourly sales	P-48
4-1-5-10 Programming the slip / guest	P-48
4-1-5-11 Programming the journal control	P-49
4-1-5-12 Programming the message control	P-50
4-1-5-13 Programming the order control	P-50
4-1-5-14 Programming the set menu / condiment	P-51
4-1-5-15 Programming the check tracking	P-52
4-1-5-16 Programming the clerk interrupt	P-52
4-1-5-17 Programming the display control	P-53
4-1-5-18 Programming the menu shift 1	P-54
4-1-5-19 Programming the menu shift 2	P-55
4-1-6 Programming scheduler	P-56
4-1-7 Programming check print	P-58
4-1-8 Programming table analysis	P-59
4-1-9 Programming tax table	P-60
4-1-10 Programming void table	P-63
4-1-11 Programming system connection	P-64
4-1-12 Programming I/O parameter	P-65
4-1-13 Programming printer connection	P-68
4-1-14 Programming time zone	P-69
4-1-15 Programming time & attendance	P-70
4-1-15-1 Programming time & attendance (general)	P-70
4-1-15-2 Programming time & attendance (job code)	P-71
4-1-15-3 Programming time & attendance (employee & schedule)	P-72
4-1-16 Programming hourly item link	P-74
4-1-17 Programming IDC link	P-75
4-1-18 Programming Euro	P-76
4-1-19 Programming auto program control	P-77
4-1-20 Programming LCD color control	P-78
4-1-21 Programming Australian GST control	P-81
4-2. Programming clerks	P-82
4-2-1 Programming clerk features	P-82
4-2-2 Programming operation	P-84
4-2-2-1 Programming clerk control	P-84

Program 3

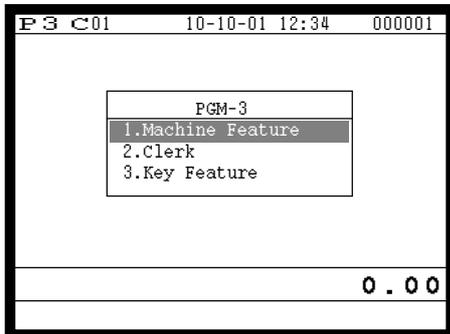
4-2-2-2	Programming menu shift / 2nd@	P-85
4-2-2-3	Programming mode control.....	P-86
4-2-2-4	Programming function control 1	P-87
4-2-2-5	Programming function control 2	P-88
4-2-2-6	Programming function control 3	P-89
4-2-2-7	Programming function control 4	P-90
4-2-2-8	Programming function control 5	P-91
4-2-2-9	Programming arrangement control	P-92
4-2-2-10	Programming X/Z report control.....	P-93
4-2-3	Programming commission rate	P-94
4-2-4	Programming table range	P-95
4-2-5	Programming clerk control by range	P-96
4-2-5-1	Programming clerk control by range	P-96
4-2-5-2	Programming menu shift / 2nd@ by range	P-97
4-2-5-3	Programming mode control by range.....	P-98
4-2-5-4	Programming function control 1 by range	P-99
4-2-5-5	Programming function control 2 by range	P-100
4-2-5-6	Programming function control 3 by range	P-101
4-2-5-7	Programming function control 4 by range	P-102
4-2-5-8	Programming function control 5 by range	P-103
4-2-5-9	Programming arrangement control by range	P-104
4-2-5-10	Programming X/Z report control by range.....	P-105
4-2-5-11	Programming commission rate by range	P-106
4-2-5-12	Programming table range by range	P-107
4-2-6	Programming clerk detail	P-108
4-2-7	Programming clerk key ID.....	P-109
4-3.	Programming key features	P-110
4-3-1	Programming PLU features	P-110
4-3-2	Programming PLU 2nd@ features	P-112
4-3-3	Programming subdepartment features	P-113
4-3-4	Programming department features	P-114
4-3-5	Programming by range	P-115
4-3-5-1	General procedure of PLU, PLU 2nd@, subdepartment, department by range	P-116
4-3-5-2	Programming hierarchy of programming title	P-117
4-3-6	Programming individual program	P-118
4-3-7	Programming key function program	P-119
4-3-7-1	Worksheet for cash, charge, credit and check	P-120
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4. Program 3

4-1. Programming machine features

Preparation:

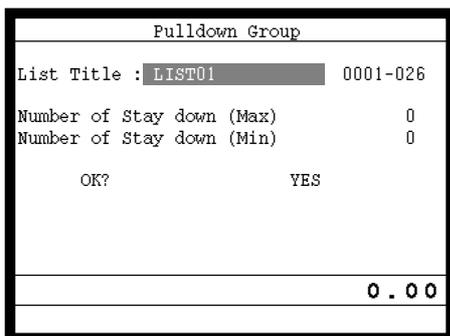
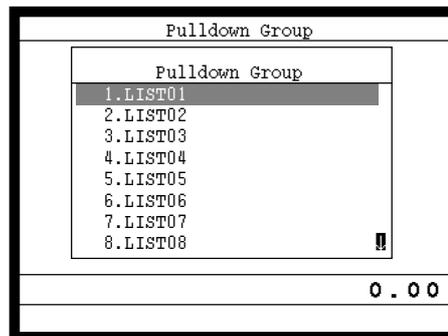
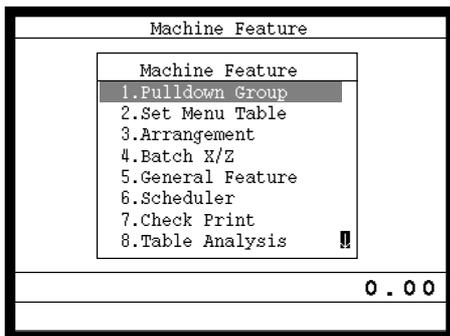


1. Sign on a clerk (if necessary).
2. Press <PGM MODE> repeatedly or “3” <PGM MODE> to assign Program 3 mode.

3. Select “1. Machine Feature” and press the <YES> key.

4-1-1 Programming pulldown group (adding / modifying / deleting group item)

Operation



4. Select “1.Pulldown Group” and press the <YES> key.
5. Select an appropriate pulldown group and press the <YES> key.
6. If it is necessary to modify the message, press the <YES> key first to enter the characters, and then press the <YES> key.

Field meaning

1. Number of stay down (Min):
0 = Status, 1 ~ 8 = The number of times for stay down, 9 = No limit
2. Number of stay down (Max):
0 = Status, 1 ~ 8 = The number of times for stay down, 9 = No limit

Addition / Modification

7. Select the row you want to add an item/list or modify and press the <YES> key, this procedure leads to the next step. Or designate an item/list directly by pressing <Flat PLU> key, entering PLU code <PLU> key or pressing <LIST>key, this procedure leads to the step 10.

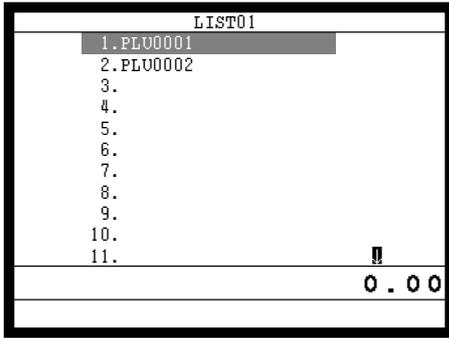
8. Select “1. PLU” or “2. Pulldown Group” you want to program.

9. To choose an appropriate PLU as an item, select a PLU directly in the shown list, enter PLU No. and press the <PLU> key or press the appropriate <Flat PLU> key. In this step, you can use “Character search” to select the item.*
If you want to select a list for an item, press the <LIST> key or enter the significant list number, then press the <LIST #> key.

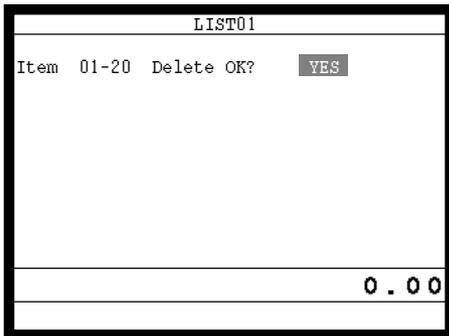
10. Repeat step 7 to 9, until completing this pulldown group item program.
11. Press the <ESC> key to terminate the program and proceed to the next step.
12. If you want to use the <LIST> key, press the <YES> key. After that, select a <LIST> key by pressing the appropriate key. When the key you pressed is already used, choose YES to overwrite.
13. If you do not want to use <LIST> key, press the <NO> key.
14. Press the <ESC> key to return to the previous menu.

- * **Character search:** You can search an item by its name. Press <. (decimal point)> key, enter a few characters and press the <YES> key. The terminal searches the item begins with these characters. After character search, press <RIGHT ARROW> / <LEFT ARROW> shows the next/previous candidate.

Deletion



7. Select the first record of items you want to delete and press the <NO> key.



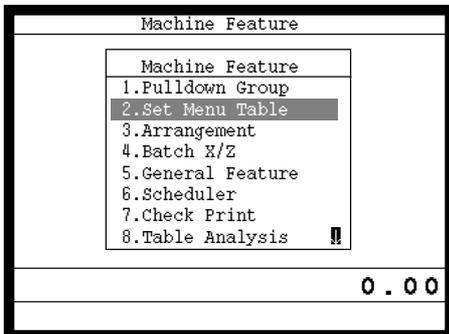
8. Press the <YES> key.

The selected item and followings are deleted.

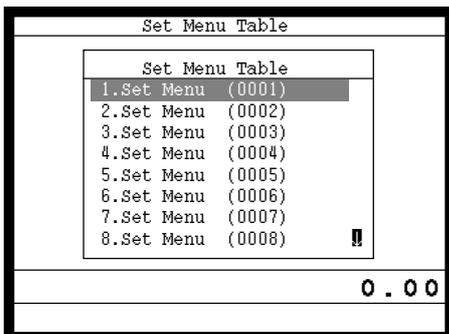
9. Press the <ESC> key to return to the previous menu.

4-1-2 Programming set menu table

Operation

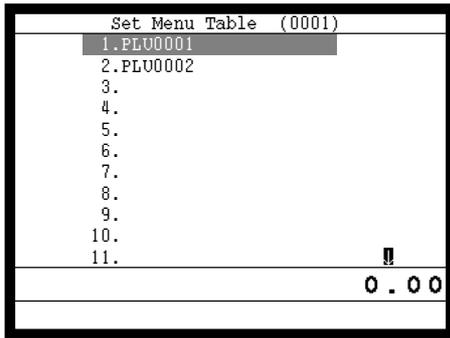


4. Select "2. Set Menu Table" and press the <YES> key.

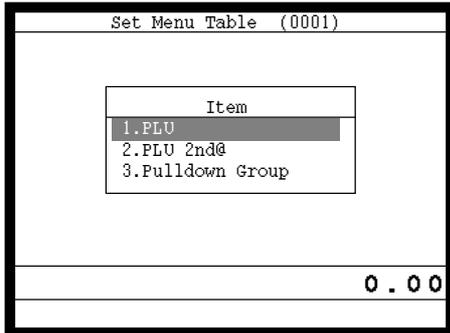


5. Select an appropriate set menu item and press the <YES> key.

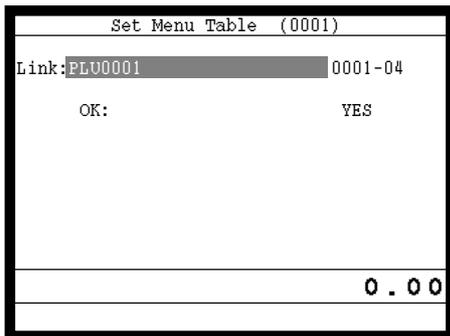
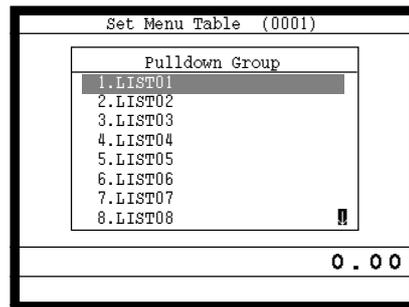
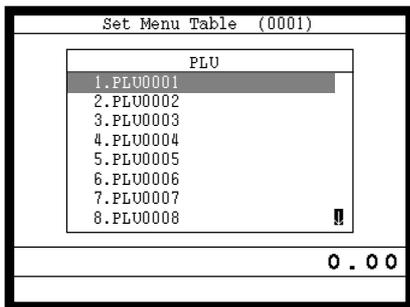
Addition/Modification



6. Select the row you want to add an item / list or modify and press the <YES> key, this procedure leads to the next step. Or designate an item / list directly by pressing <Flat PLU> key, entering PLU code <PLU> key or pressing <LIST>key, this procedure leads to the step 9.



7. Select "1. PLU", "2. PLU 2nd@" or "3. List" you want to program.



8. To choose an appropriate PLU as an item, select a PLU directly in the shown list, enter PLU No. and press the <PLU> key or press the appropriate <Flat PLU> key. In this step, you can use "Character search" to select the item. (Refer to p33 of this manual.)

If you want to select a list for an item, press the <LIST> key or enter the significant list number, then press the <LIST #> key.

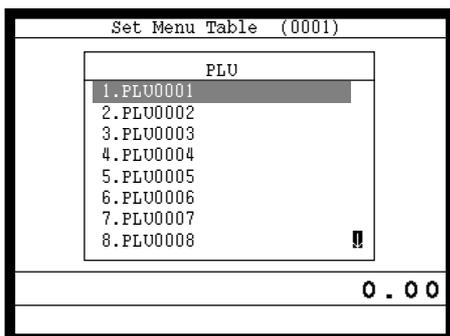
9. Repeat step 6 to 8, until completing this set menu item program.

10. Press the <ESC> key to terminate this step and proceed the next.

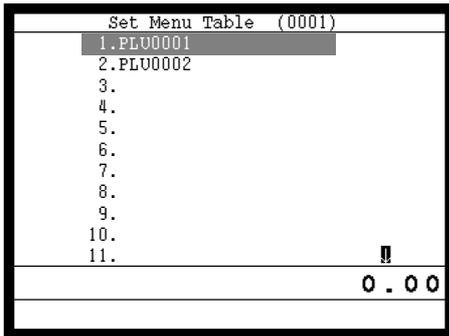
11. Press the <YES> key to show the PLU / List table list.

12. Select the main PLU/LIST by pressing the appropriate <Flat PLU>, entering PLU code and <PLU>, pressing <LIST> or entering List No. and <LIST-#>.

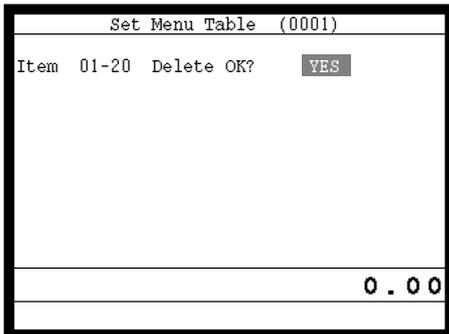
13. Press the <ESC> key to terminate this procedure.



Deletion



6. Select the first record of items you want to delete and press the <NO> key.

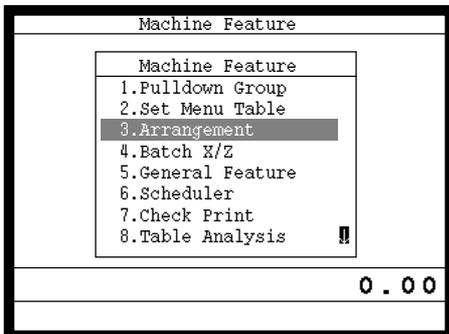


7. Press the <YES> key.

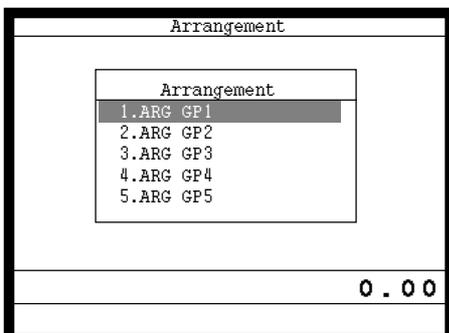
8. Press the <ESC> key to return to the previous menu.

4-1-3 Programming arrangement

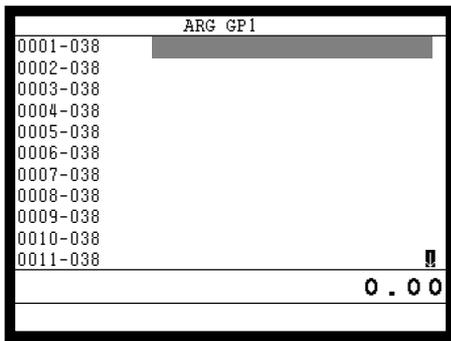
Operation



4. Select "3. Arrangement" and press the <YES> key.



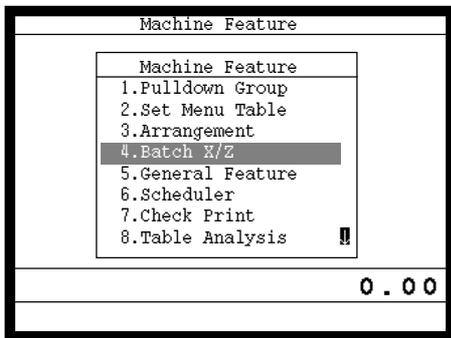
5. Select an appropriate row and press the <YES> key.



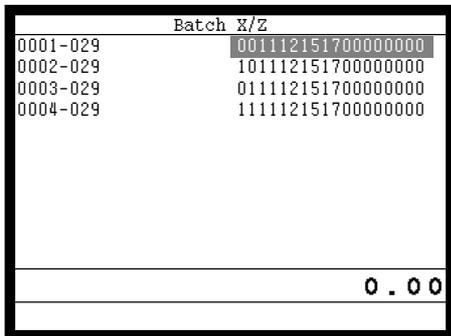
6. Press the <YES> key, enter arrangement commands by character and press the <YES> key.
7. Press the <ESC> key to return to the previous menu.

4-1-4 Programming batch X/Z report

Operation



4. Select "4. Batch X/Z" and press the <YES> key.



5. Select an appropriate record, enter the report code (refer to the next page) and press the <YES> key.
6. Press the <ESC> key to return to the previous menu.

Program 3

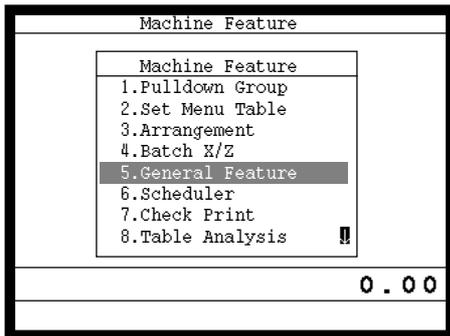
Worksheet for batch X/Z report program

Description	Choice	Program code
Allow to issue read report.	a Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₁₈
Allow to issue reset report.	b Yes = 0 No = 2	
Read / Reset selection (direct issuance)	c Read = 0 Reset = 4	
Reported area: Daily area = 0, Periodic 1 area = 1, Periodic 2 area = 2, Consolidation area = 3	Significant number	<input type="checkbox"/> D ₁₇
Report code 1	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D ₁₆ D ₁₅
Report code 2	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D ₁₄ D ₁₃
Report code 3	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D ₁₂ D ₁₁
Report code 4	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D ₁₀ D ₉
Report code 5	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D ₈ D ₇
Report code 6	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D ₆ D ₅
Report code 7	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D ₄ D ₃
Report code 8	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D ₂ D ₁

Report	Report code
Fixed totalizer report	11
Function key report	12
Subdepartment report	13
PLU report	14
PLU stock report	64
Department report	15
Group report	16
Cashier/clerk report	17
Hourly sales report	19
Monthly sales report	20
Void reason report	22
Open check report	25
Table analysis report	28
Electronic journal report	58
Employee (all) report	29
Hourly/labor report	24
Hourly item report	31

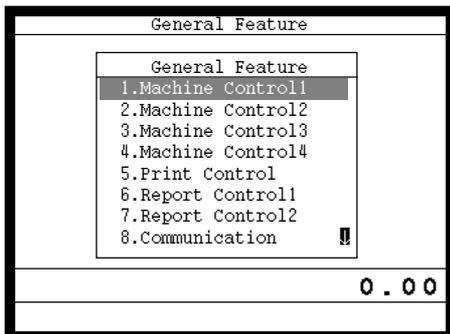
4-1-5 Programming the general feature

Operation

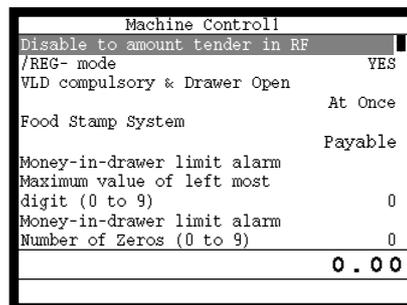
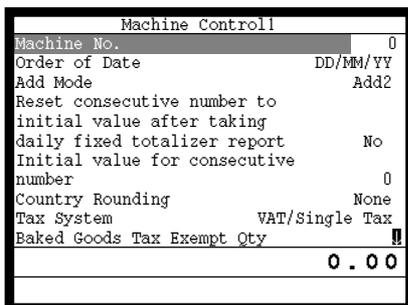


4. Select “5. General Feature” and press the <YES> key.

4-1-5-1 Programming the machine control 1



5. Select “1. Machine Control1” and press the <YES> key.



6. Select the field you want to change and press the <YES>/<NO> key or enter the numeric value and press the <YES> key.

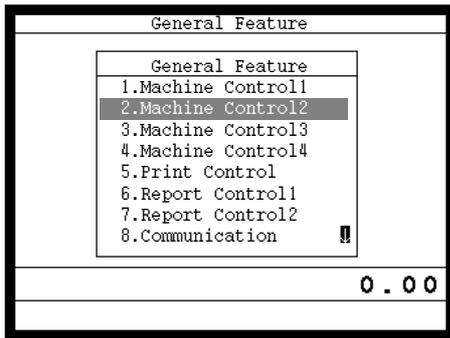
7. After programming, you should press the <ESC> key to return to the previous menu.

Field meaning

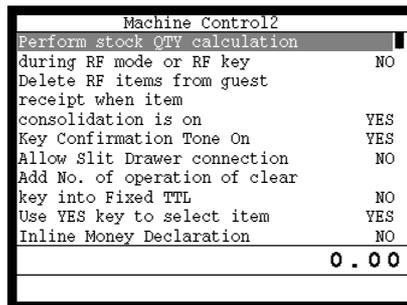
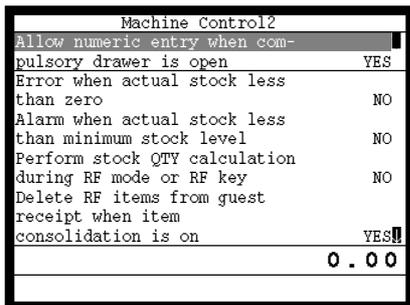
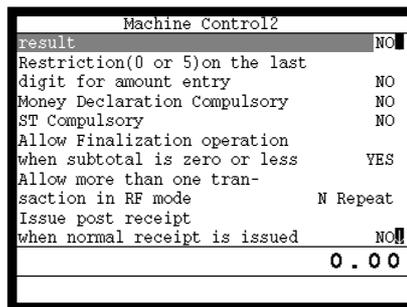
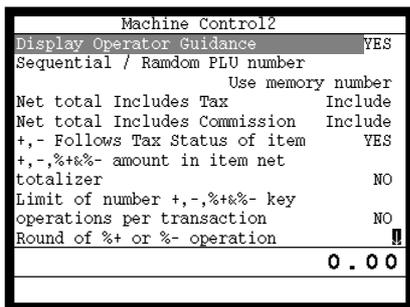
1. Machine number: (0 - 9999): (Not used)
2. Add mode:
You can choose Add 2 (ex. dollar and cent), Add 0 (ex. Japanese yen) or Add 1.
3. Reset the consecutive No. to initial value after taking daily fixed totalizer report:
Consecutive No. starts preset value +1. (Initial consecutive number: 1 - 999999.)
4. Country Rounding:
You can choose None, IF1, IF2, Danish, Norwegian / Swedish, Singapore, Australian, Finnish.
5. Tax systems:
You can choose VAT / Single tax, US, Canada, Singapore tax system.
6. VLD compulsory and drawer open:
You can choose “At once” and “After compulsory.”
7. Food stamp system: You can choose “Payable”, “Illinois rule”, “New Jersey rule”.
8. Money-in-drawer limit alarm: (sentinel amount)
You can enter “Maximum value of left-most digit” and “The number of zeros.”

4-1-5-2 Programming the machine control 2

Operation



5. Select “2. Machine Control2” and press the <YES> key.



6. Select the field you want to change and press the <YES>/<NO> key or enter the numeric value and press the <YES> key.

7. After programming, you should press the <ESC> key to return to the previous menu.

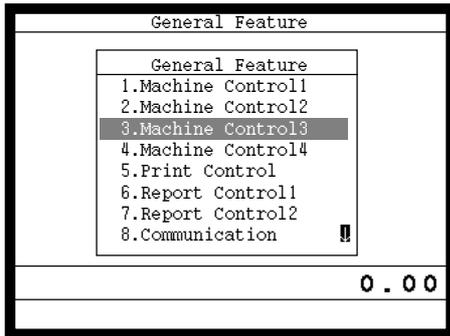
Field meaning

1. Sequential / Random PLU number:
You can choose “Use memory number” or “Use Random code.”
2. Net total includes tax:
Net total includes add-on tax amount.
If select “No”, add-in tax amount is also excluded.
3. Net total includes commission:
Net total includes clerk commission.
4. Plus / minus follows tax status of item:
The tax status and commission status of plus/minus after item registration follows the last item.
5. Plus, minus, premium, discount amount in item net totalizer:
Affect premium, discount, plus, minus result to the original item.
6. Limit of number plus, minus, premium, discount key operations per transaction:
Only one premium, discount, plus or minus registration is permitted during one receipt.

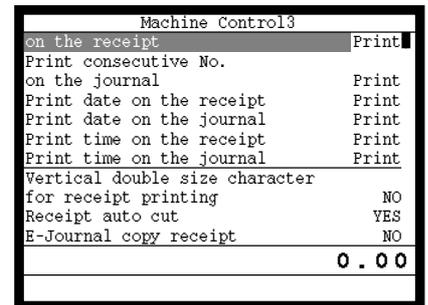
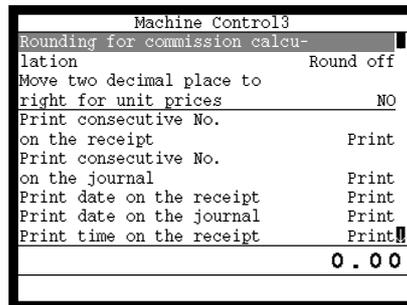
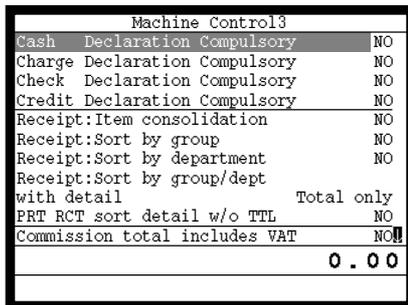
-
7. Round of Premium or Discount operation:
Rounding on the least significant digit of Premium or Discount registration.
 8. Restrict (0 or 5) on the last digit for amount entry:
The least significant digit for monetary amount entries is restricted to 0 or 5.
 9. Money declaration compulsory:
Money declaration before daily read / reset operation or collection / consolidation operation (inline money declaration) is mandatory or not.
 10. ST compulsory:
ST key operation before finalization is mandatory or not.
 11. Allow finalization operation when subtotal is zero or less:
Allow / prohibit finalization operation when the subtotal amount is zero or less.
 12. Allow more than one transaction in REF mode:
Prohibit / allow multiple refund operations after entering the REF mode.
 13. Issue Post receipt when normal receipt is issued:
Allow / prohibit post receipt after a normal receipt issuance.
 14. Allow numeric entries when compulsory drawer is open:
Allow / prohibit numeric entries when drawer (compulsory drawer only) is opened.
 15. Error when actual stock less than zero:
Error occurs when actual stock for a registered item becomes negative.
 16. Alarm when actual stock less than minimum stock level:
Error occurs when actual stock for a registered item drops below its programmed optimum stock value.
 17. Perform stock QTY calculation during REF mode or RF key:
Affect to stock value during RF key and the REF mode operation.
 18. Delete RF items from guest receipt when its consolidation is on:
Merge the same department / PLU registration of a guest receipt.
 19. Use YES key to select item:
If you select "YES", you must press the <YES> key when you select an item in pulldown group. If you select "No", it is not necessary to press the <YES> key, you can designate an item in a pulldown group by entering 1 thru 9.

4-1-5-3 Programming the machine control 3

Operation



5. Select "3. Machine Control3" and press the <YES> key.



6. Select the field you want to change and press the <YES>/<NO> key.

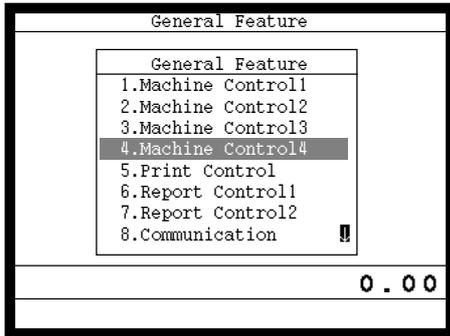
7. After programming, you should press the <ESC> key to return to the previous menu.

Field meaning

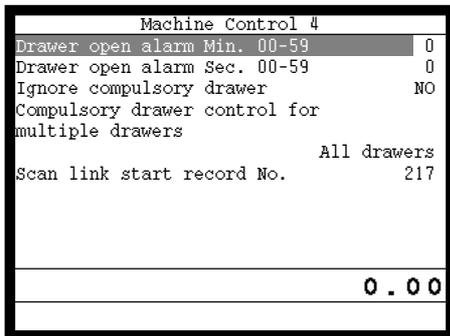
1. Cash Declaration Compulsory: (not used)
2. Charge Declaration Compulsory: (not used)
3. Check Declaration Compulsory: (not used)
4. Credit Declaration Compulsory: (not used)
5. Receipt: Item Consolidation:
Merge the same department / PLU registration on receipt.
6. Receipt: Sort by group:
Classify the registered items per group on receipt.
7. Receipt: Sort by department:
Classify the registered items per department on receipt.
8. Receipt: Sort by group / dept with detail:
You can choose "Total only" or "With detail."

4-1-5-4 Programming the machine control 4

Operation



5. Select “4. Machine Control4” and press the <YES> key.



6. Select the field you want to change and press the <YES> / <NO> key or enter the numeric value and press the <YES> key.

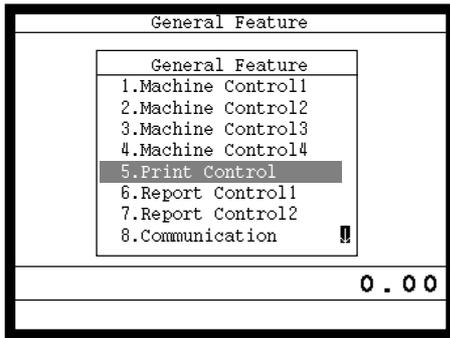
7. After programming, you should press the <ESC> key to return to the previous menu.

Field meaning

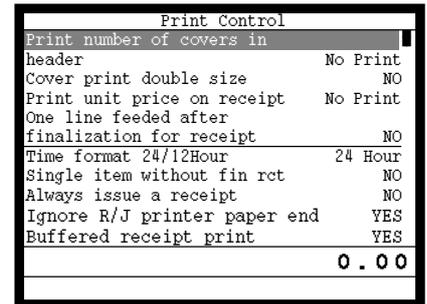
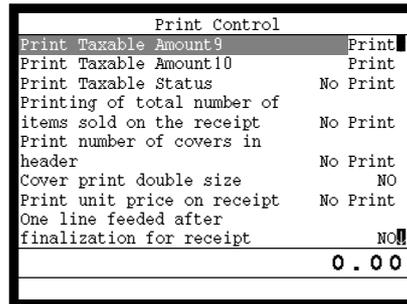
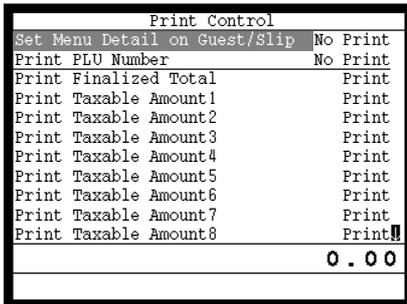
1. Compulsory drawer control for multiple drawers:
You can choose “All drawers” / “Drawer assigned to the clerk”.
2. Scan link start record No.: The PLU items that are set after this record number are treated as scanning PLU items.

4-1-5-5 Programming the print control

Operation



5. Select “5. Print Control” and press the <YES> key.



6. Select the field you want to change and press the <YES> / <NO> key.

7. After programming, you should press the <ESC> key to return to the previous menu.

Field meaning

If you select “NO” on the “Buffered receipt print” line, the receipt is printed at the same time when registrations are made. And the receipt watermark cannot be printed.

4-1-5-6 Programming the report control 1

Operation

General Feature	
General Feature	
1.Machine Control1	
2.Machine Control2	
3.Machine Control3	
4.Machine Control4	
5.Print Control	
6.Report Control1	
7.Report Control2	
8.Communication	!!
0.00	

5. Select "6. Report Control1" and press the <YES> key.

Report Control1	
Gross	Print
Net	Print
Cash In Drawer	Print
Cash Declaration short/over	No Print
Charge In Drawer	No Print
Charge Declaration short/over	No Print
Cheque In Drawer	Print
Cheque Declaration short/over	No Print
Credit In Drawer	Print
Credit Declaration short/over	No Print
Food Stamp In Drawer	No Print!!
0.00	

Report Control1	
Food Stamp Cash Change	No Print!!
EBT Total	No Print
EBT Cash Change	No Print
RF Mode total	Print
Number of covers	No Print
The average spend per cover	No Print
Commission for Cashing A Check	No Print
Total Service charge	No Print
Commission 1	No Print
Commission 2	No Print
Foreign currency Cash and	!!
0.00	

Report Control1	
Cheque in drawer totals	No Print!!
Accumulate total of - key and %- key operation totals	No Print
Accumulate total of RF key and VOID key operation totals	No Print
Number of C key operations	No Print
Rounding total	No Print
TA1	Print
TAX1	Print
TAXEX1	No Print
TA2	Print!!
0.00	

Report Control1	
TAX2	Print!!
TAXEX2	No Print
TA3	Print
TAX3	Print
TAXEX3	No Print
TA4	No Print
TAX4	No Print
TAXEX4	No Print
TA5	No Print
TAX5	No Print
TAXEX5	No Print!!
0.00	

Report Control1	
TA6	No Print!!
TAX6	No Print
TAXEX6	No Print
TA7	No Print
TAX7	No Print
TAXEX7	No Print
TA8	No Print
TAX8	No Print
TAXEX8	No Print
TA9	No Print
TAX9	No Print!!
0.00	

Report Control1	
TAX7	No Print!!
TAXEX7	No Print
TA8	No Print
TAX8	No Print
TAXEX8	No Print
TA9	No Print
TAX9	No Print
TAXEX9	No Print
TA10	No Print
TAX10	No Print
TAXEX10	No Print
0.00	

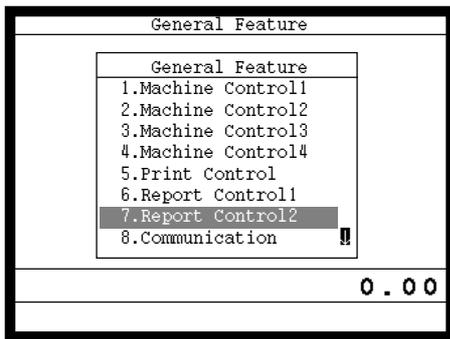
6. Select the field you want to change and press the <YES> / <NO> key.
7. After programming, you should press the <ESC> key to return to the previous menu.

Field meaning

These items are included in the fixed totalizer report.

4-1-5-7 Programming the report control 2

Operation



5. Select “7. Report Control2” and press the <YES> key.

Report Control2	
Dept/Sub Dept Zero-Skip	YES
Cashier/Clerk Zero-Skip	YES
Function Zero-Skip	YES
PLU/Stock Zero-Skip	YES
Shift PLU Zero-Skip	YES
Hourly Sales Zero-Skip	YES
Group Zero-Skip	YES
Monthly Sales Zero-Skip	YES
Table Analysis Zero-Skip	YES
Hourly Production Zero-Skip	YES
Hourly Labor Zero-Skip	YES
0.00	

Report Control2	
Printing of average spend per item on monthly report	Print
Drawer open when FIXED TTL report is issued	NO
PLU Random Code Order	Mem Number
PLU No. on X/Z Report	No Print
Sales Ratio on X/Z Report	No Print
Z Counter	Print
ITEM Discount Totalizer	No Print
Double Z Report	NO
VAT Recalculation on X/Z Report	NO
0.00	

Report Control2	
Stock Clear at Batch Z	NO
Print Consecutive No. range on daily Fixed TTL report	No Print
Prohibit OPEN CHK Z	NO
GT1(Daily)	Print
GT2(Daily)	Print
GT3(Daily)	Print
GT1(Periodic1&2)	No Print
GT2(Periodic1&2)	No Print
GT3(Periodic1&2)	No Print
Display Flash	X NO
0.00	

Report Control2	
Display Employee Activity %	NO
Display Fixed Totalizer	X NO
Display Dept/Sub Dept	X NO
Display Cashier/Clerk	X NO
Display Function	X NO
Display PLU/Stock	X NO
Display Hourly/Monthly	X NO
Display Group	X NO
Display Open Check	X NO
Display Table Analysis	X NO
Display E-Journal	X NO
0.00	

Report Control2	
Display Cashier/Clerk	X NO
Display Function	X NO
Display PLU/Stock	X NO
Display Hourly/Monthly	X NO
Display Group	X NO
Display Open Check	X NO
Display Table Analysis	X NO
Display E-Journal	X NO
Display Hourly Product	X NO
Display Employee	X NO
Display Hourly Labor	X NO
0.00	

6. Select the field you want to change and press the <YES> / <NO> key.

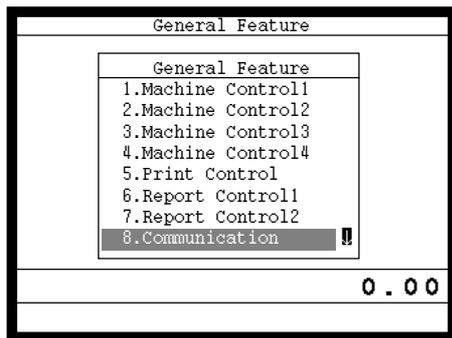
7. After programming, you should press the <ESC> key to return to the previous menu.

Field meaning

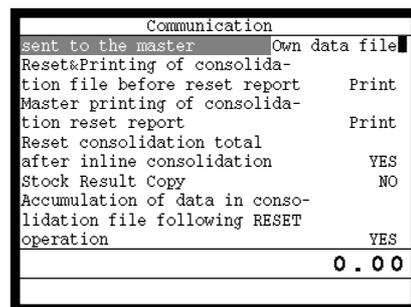
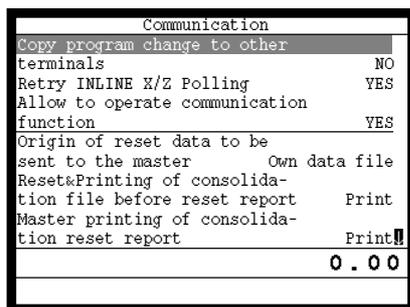
1. Zero-Skip on Report:
Skip zero total item.
2. Print Monthly Sales Average:
Print monthly sales average on monthly sales report.
3. PLU random code order:
You can choose “Mem Number” (by memory number) or “Random Code.”
4. VAT recalculate on X/Z report:
Calculate VAT amount at report issuance temporarily.
5. Display Report:
Show read report on the LCD screen.

4-1-5-8 Programming the communication

Operation



5. Select “8. Communication” and press the <YES> key.



6. Select the field you want to change and press the <YES> / <NO> key.

7. After programming, you should press the <ESC> key to return to the previous menu.

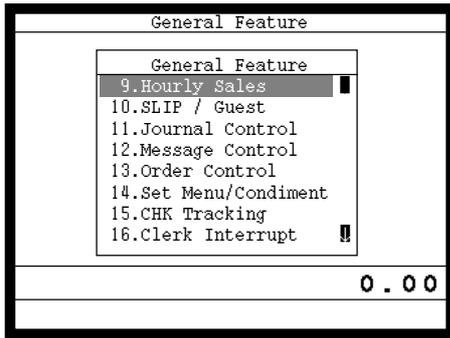
Field meaning

1. Copy program change to other terminals:
Broadcast the programmed data in PGM 1 ~ 4 mode after completion of a program.
2. Origin of reset data to be sent to the master:
You can choose “Own data file” or “Consolidation file.”
3. Stock result copy:
Copy stock quantity to master daily file after Z consolidation.

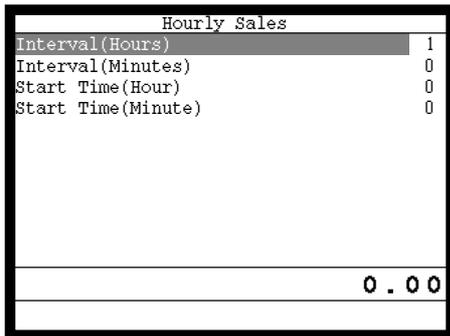
Program 3

4-1-5-9 Programming the hourly sales

Operation



5. Select “9. Hourly Sales” and press the <YES> key.



6. Select the field you want to change and press the <YES> / <NO> key.

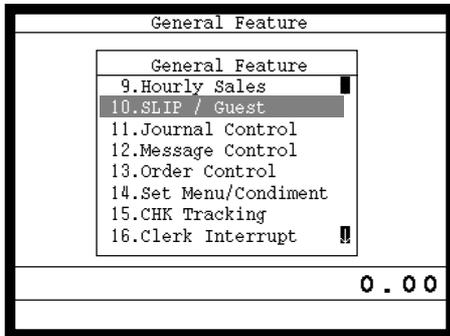
7. After programming, you should press the <ESC> key to return to the previous menu.

Field meaning

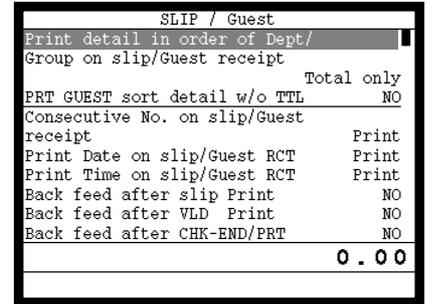
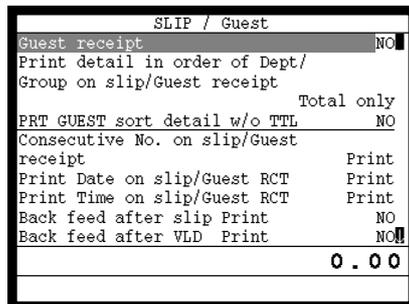
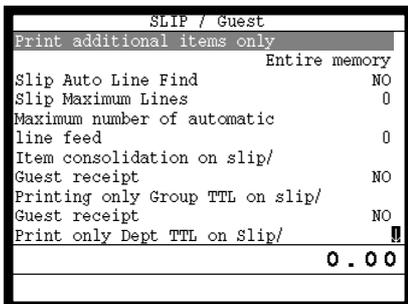
1. Hour (00 ~ 23)
2. Minute (00 ~ 59)

4-1-5-10 Programming the slip/guest

Operation



5. Select “10. SLIP/Guest” and press the <YES> key.



6. Select the field you want to change and press the <YES> / <NO> key or enter the numeric value and press the <YES> key.

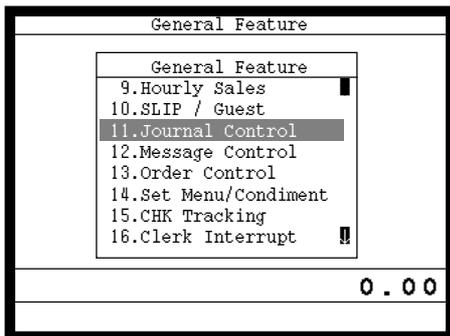
7. After programming, you should press the <ESC> key to return to the previous menu.

Field meaning

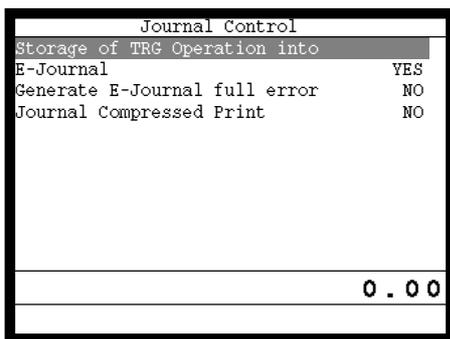
1. Print additional items only:
Slip printing begins with “At the top of the transaction (Entire memory) / At the top of this receipt (Additional only).”
Note: If you select “At the top of this receipt”, “Slip Auto Line Find” (the next row) should be set to “YES”.
2. Slip Maximum Line (00 ~ 99)
Note: This line should be set.
3. Back feed after slip Print/Back feed after VLD Print / Back feed after CHK-END / PRT.

4-1-5-11 Programming the journal control

Operation



5. Select “11. Journal Control” and press the <YES> key.



6. Select the field you want to change and press the <YES> / <NO> key.
7. After programming, you should press the <ESC> key to return to the previous menu.

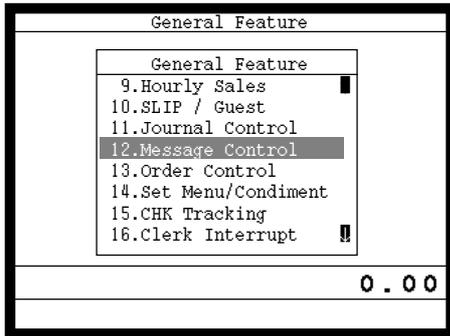
Field meaning

1. Storage of TRG operation into electronic journal memory:
Put training clerk registration data into electronic journal memory.
This program is also effective for training operation printing on journal.
2. Generate E-Journal full error:
Alert when the electronic journal memory becomes full/Not alert even if the electronic journal memory becomes full.
3. Journal Compression Print:
Print journal by normal height character (“NO”), or by half height character (“YES”).

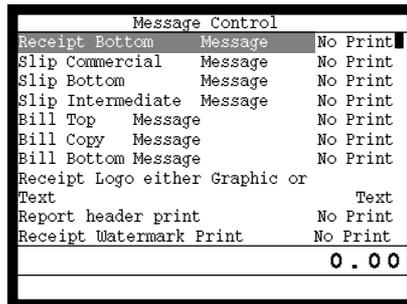
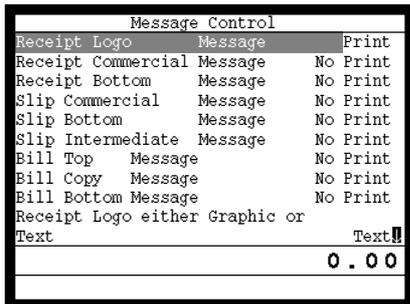
Program 3

4-1-5-12 Programming the message control

Operation



5. Select “12. Message Control” and press the <YES> key.



6. Select the field you want to change and press the <YES> / <NO> key.

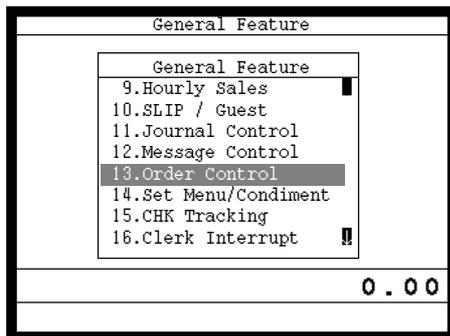
7. After programming, you should press the <ESC> key to return to the previous menu.

Field meaning

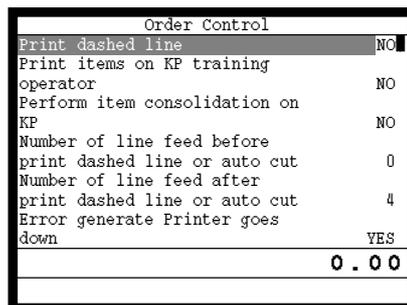
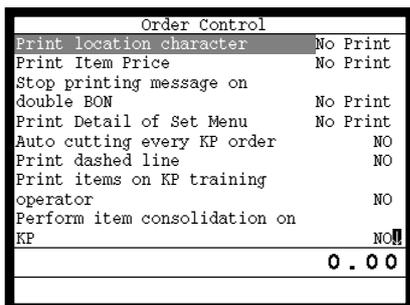
1. Receipt Logo either graphic or text:
Select Text Logo / Graphic Logo.

4-1-5-13 Programming the order control

Operation



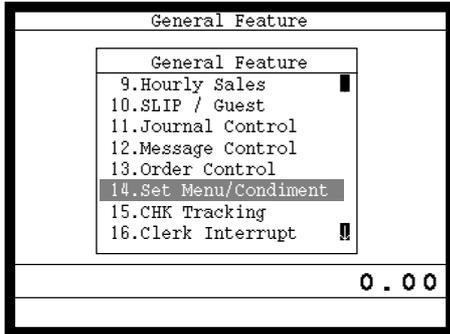
5. Select “13. Order Control” and press the <YES> key.



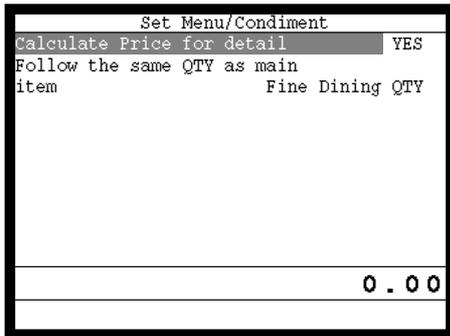
6. Select the field you want to change and press the <YES> / <NO> key or enter the numeric value and press the <YES> key.
7. After programming, you should press the <ESC> key to return to the previous menu.

4-1-5-14 Programming the set menu / condiment

Operation



5. Select “14. Set Menu/Condiment” and press the <YES> key.



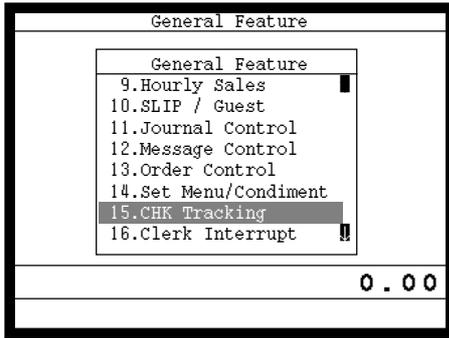
6. Select the field you want to change and press the <YES> / <NO> key.
7. After programming, you should press the <ESC> key to return to the previous menu.

Field meaning

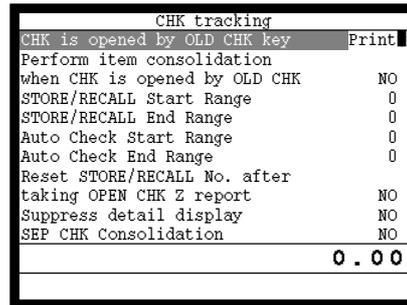
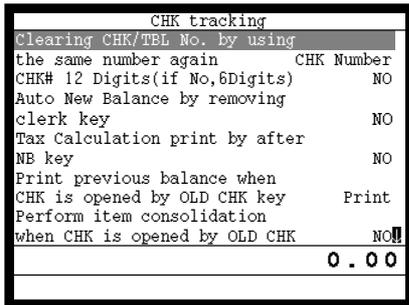
1. Calculate Price for detail:
Calculate / Not calculate detail item prices in set menu.
2. Follow the same QTY as main item:
Fast food: Allow to enter the number of the condiment, and not follow the quantities of main PLU.
Fine Dining QTY: Not allow to enter the number of the condiment but allow to select the condiment by LIST staydown within the quantities of main PLU.

4-1-5-15 Programming the check tracking

Operation



5. Select "15. CHK Tracking" and press the <YES> key.



6. Select the field you want to change and press the <YES> / <NO> key or enter the numeric value and press the <YES> key.

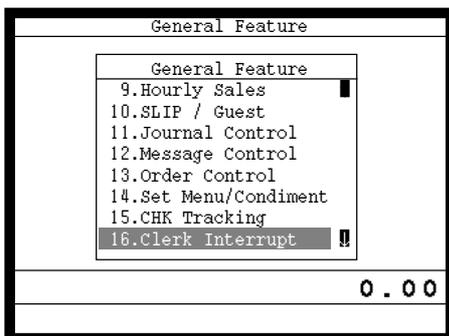
7. After programming, you should press the <ESC> key to return to the previous menu.

Field meaning

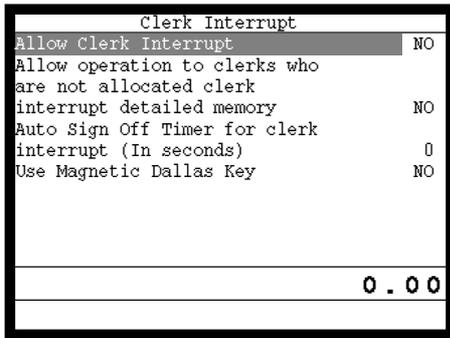
1. Clearing CHK/TBL No. by using the same number again:
You can choose "CHK (check) Number" or "TBL (table) Number".

4-1-5-16 Programming the clerk interrupt

Operation



5. Select "16. Clerk Interrupt" and press the <YES> key.



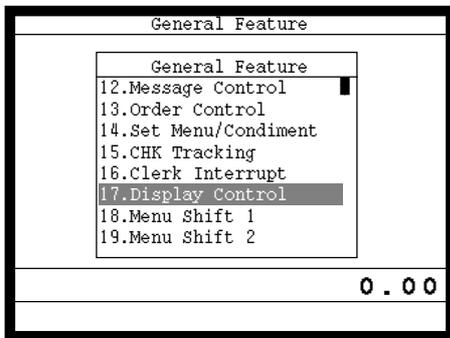
6. Select the field you want to change and press the <YES> / <NO> key or enter the numeric value and press the <YES> key.
7. After programming, you should press the <ESC> key to return to the previous menu.

Field meaning

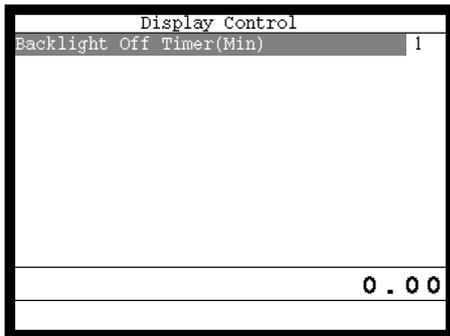
1. Clerk sign off timer: 0 - 99. (Sec.) This program is also effective for non-clerk interrupt system.

4-1-5-17 Programming the display control

Operation



5. Select "17. Display Control" and press the <YES> key.



6. Select the field you want to change and press the <YES> key.
7. After programming, you should press the <ESC> key to return to the previous menu.

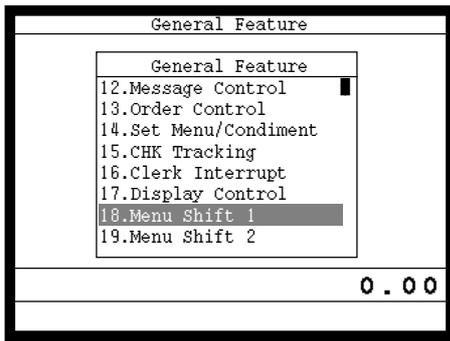
Field meaning

1. Backlight Off Timer: 0 - 59. (Minute)

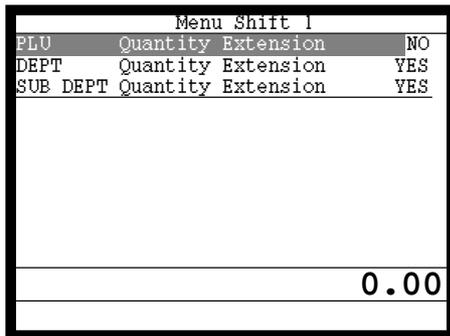
Program 3

4-1-5-18 Programming the menu shift 1

Operation



5. Select "18. Menu Shift 1" and press the <YES> key.



6. Select the field you want to change and press the <YES> / <NO> key.

7. After programming, you should press the <ESC> key to return to the previous menu.

4-1-5-19 Programming the menu shift 2

Operation

General Feature	
General Feature	
12.Message Control	
13.Order Control	
14.Set Menu/Condiment	
15.CHK Tracking	
16.Clerk Interrupt	
17.Display Control	
18.Menu Shift 1	
19.Menu Shift 2	
0.00	

5. Select "19. Menu Shift 2" and press the <YES> key.

Menu Shift 2	
Start PLU Number of 1st menu	1
Start PLU Number of 2nd menu	109
Start PLU Number of 3rd menu	217
Start PLU Number of 4th menu	325
Start PLU Number of 5th menu	433
Start PLU Number of 6th menu	541
Start PLU Number of 7th menu	649
Start PLU Number of 8th menu	757
0.00	

6. Select the field you want to change and enter the numeric value and press the <YES> key.

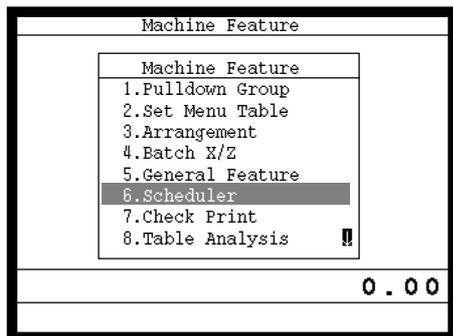
7. After programming, you should press the <ESC> key to return to the previous menu.

Field meaning

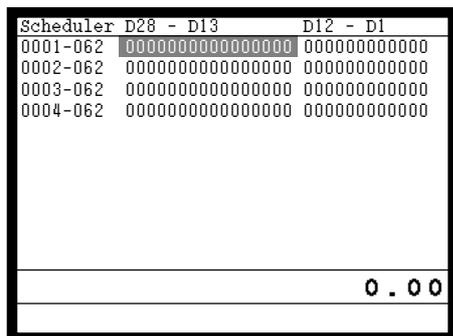
Define start PLU No. of each menu shift.

4-1-6 Programming scheduler

Operation



4. Select “6. Scheduler” and press the <YES> key.



- 5. Enter schedule (refer to the next page) and press the <YES> key.
- 6. Press the <ESC> key to return to the previous menu.

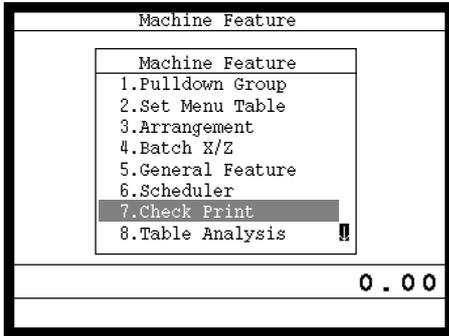
Worksheet for scheduler program

Description	Choice	Program code
Scheduler start time (00:00 ~ 23:59)	Significant numbers	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> D ₂₈ D ₂₇ D ₂₆ D ₂₅
Scheduler end time (00:00 ~ 23:59)	Significant numbers	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> D ₂₄ D ₂₃ D ₂₂ D ₂₁
Always "0"		<input type="text"/> 0 D ₂₀
Interval control 1: Daily = 0, Weekly = 1, Monthly = 2	Significant number	<input type="text"/> D ₁₉
Interval control 2: Daily; No meaning Weekly; Define day of a week 00; Sunday, 01; Monday, 02; Tuesday, 03; Wednesday, 04; Thursday, 05; Friday, 06; Saturday Monthly; Define date, 01 ~ 31, 99 means the end of the month	Significant numbers	<input type="text"/> <input type="text"/> D ₁₈ D ₁₇
Interval time (00:00 ~ 23:59)	Significant numbers	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> D ₁₆ D ₁₅ D ₁₄ D ₁₃
Always "0"		<input type="text"/> 0 D ₁₂
Arrangement table No.	Significant numbers	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> D ₁₁ D ₁₀ D ₉ D ₈
Arrangement file No.	Significant numbers	<input type="text"/> <input type="text"/> <input type="text"/> D ₇ D ₆ D ₅
Always "0000"		<input type="text"/> 0 <input type="text"/> 0 <input type="text"/> 0 <input type="text"/> 0 D ₄ D ₃ D ₂ D ₁

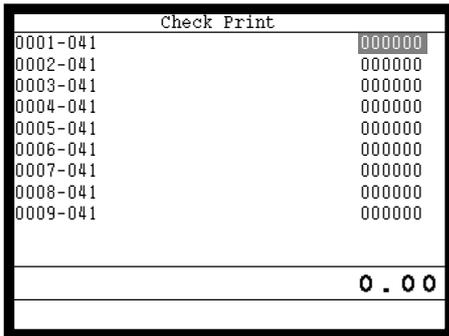
Program 3

4-1-7 Programming check print

Operation



4. Select "7. Check Print" and press the <YES> key.



5. Enter value (below) and press the <YES> key.

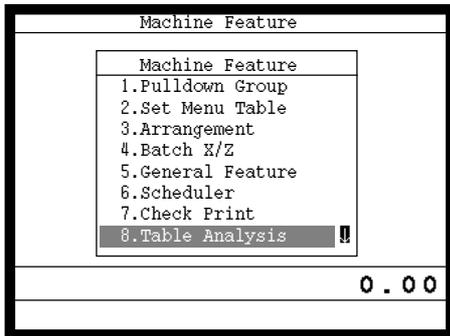
6. Press the <ESC> key to return to the previous menu.

Worksheet for check print program

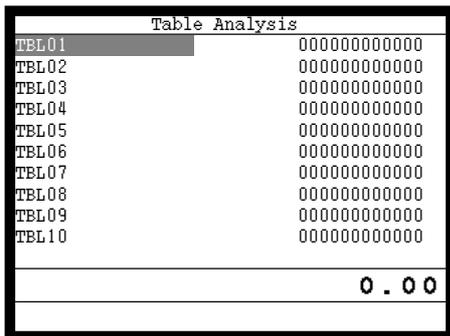
Description	Choice	Program code
Define printing data: 1; Printing amount 2; Printing amount (double size) 3; Printing date 4; Printing date (double size) 5; Check endorsement message 1st line 6; Check endorsement message 2nd line 7; Check endorsement message 3rd line 8; Check endorsement message 4th line	Significant number	<input type="checkbox"/> D ₅
Feed before printing.	a No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D ₄
Feed direction	b Normal = 0 Reverse = 2	
Feed 1 line after printing.	c No = 0 Yes = 4	
No. of feed lines before printing (0 ~ 9)	Significant number	<input type="checkbox"/> D ₃
Printing offset digits (00 ~ 49)	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D ₂ D ₁

4-1-8 Programming table analysis

Operation



4. Select “8. Table Analysis” and press the <YES> key.



5. Select an appropriate record and press the <YES> key.

6. Enter characters for table analysis within 16 characters and press the <YES> key.

7. Enter value (below) and press the <YES> key.

8. Press the <ESC> key to return to the previous menu.

Worksheet for table analysis program

Description	Choice	Program code
Minimum check No. of the group ("0" means "1.")	Significant numbers	<input type="text"/> D ₁₂ D ₁₁ D ₁₀ D ₉ D ₈ D ₇
Maximum check No. of the group ("000000" means no programming.)	Significant numbers	<input type="text"/> D ₆ D ₅ D ₄ D ₃ D ₂ D ₁

Note:

This programming is only effective, if the check-# is 6-digit long.

4-1-9 Programming tax table

Operation

4. Select “9. Tax Table” and press the <YES> key.

5. Select an appropriate table and press the <YES> key.

6. Select an appropriate row and press the <YES> key.

7. Enter value (below) and press the <YES> key.
8. Press the <ESC> key to return to the previous menu.

Field meaning

1. Tax Rate(%): (VAT & VAT: Sharing rate for the primary taxable amount)
Rate; 0.0001 ~ 9999.9999 % (Use Decimal point key)
2. Maximum Table Amount:
Maximum value; 0.00 ~ 99.99
3. Rounding:
Selection; Cut off/Round off/Round up/Round up to two decimal point
4. Singapore Rounding:
Selection; Yes/No
5. Calculation type:
Selection;
Not calculate / Table / Table & Add on / Add in (VAT) / Tax on Tax / VAT and VAT
6. Sum of Cyclic Patterns, No. of Cyclic Values, Sum of Non Cyclic Values, Actual Values... See the following pages.

cf. VAT & VAT:

1. Sharing rate of the primary taxable amount → enter “Tax rate” field.
2. Actual tax table for primary tax table code → enter “Actual value (1)” field.
3. Actual tax table for secondary tax table code → enter “Actual value (2)” field.

Explanation of U.S. tax table examples

Tax table without a tax rate

Tax (6%)	Price Range		Max. break points		Difference	Pattern
	Min. break point	Max. break point	Upper	Lower		
\$.00	\$.01	\$.10	10	0	= 10	Non-cyclic data
.01	.11	.24	24	10	= 14	
.02	.25	.41	41	24	= 17	Cyclic data
.03	.42	.58	58	41	= 17	
.04	.59	.74	74	58	= 16	
.05	.75	.91	91	74	= 17	Cyclic data
.06	.92	1.08	108	91	= 17	
.07	1.09	1.24	124	108	= 16	
			141	124	= 17	

- Sum of a single cyclic pattern: $17 + 17 + 16 = 50$
- Number of values in each cyclic pattern: 3
- Sum of values in the non-cyclic pattern: $10 + 14 = 24$
- Non-cyclic values and one set of cyclic values (actual values): 10, 14, 17, 17, 16
- Tax system: Tax table without rate

Tax table with a tax rate

Tax (6%)	Price Range		Max. break points		Difference	Pattern
	Min. break point	Max. break point	Upper	Lower		
\$.00	\$.01	\$.07	7	0	= 7	Non-cyclic data
.01	.08	.21	21	7	= 14	
.02	.22	.35	35	21	= 14	Cyclic data
.03	.36	.49	49	35	= 14	
.04	.50	.64	64	49	= 15	
.05	.65	.78	78	64	= 14	
.06	.79	.92	92	78	= 14	
.07	.93	1.07	107	92	= 15	Cyclic data
.08	1.08	1.21	121	107	= 14	
.09	1.22	1.35	135	121	= 14	
.10	1.36	1.49	149	135	= 14	
.11	1.50	1.64	164	149	= 15	
.12	1.65	1.78	178	164	= 14	
.13	1.79	1.92	192	178	= 14	
.14	1.93	2.07	207	192	= 15	
1.40	19.93	20.07				
On all sales above \$20.07, compute the tax at a rate of 7%						

- Sum of a single cyclic pattern: $14 + 14 + 14 + 15 + 14 + 14 + 15 = 100$
- Number of values in each cyclic pattern: 7
- Sum of values in the non-cyclic pattern: 7
- Non-cyclic values and one set of cyclic values (actual values): 7, 14, 14, 14, 15, 14, 14, 15
- Maximum taxable amount in table calculation: \$20.07
- Tax system: Tax table with rate
- Tax rate: 7.000%
- Rounding method: Cut off to two decimal places

Explanation of VAT & VAT

Example 1: Share the amount

Tax table programming

	Tax rate (Share rate)	Calculation type	Primary tax status	Secondary tax status
Table 1	10.0000%	VAT		
Table 2	20.0000%	VAT		
:				
Table 4	33.3333%	VAT & VAT	1	2
Table 5	25.0000%	VAT & VAT	1	2

→ 33.3333% for taxable 1
 → 66.6667% for taxable 2
 → 25.0000% for taxable 1
 → 75.0000% for taxable 2

Item programming & registration result

	Program		Registration result	
	Unit price	Tax status	Taxable 1	Taxable 2
Item 1	\$10.00	1	\$10.00	
Item 2	\$20.00	2		\$20.00
:				
Item 4	\$30.00	4	\$10.00 (\$30.00 × 33.3333%)	\$20.00 (\$30.00 × 66.6667%)
Item 5	\$40.00	5	\$10.00 (\$40.00 × 25.0000%)	\$30.00 (\$40.00 × 75.0000%)

Example 2: The alternative of taxable 1 or 2

Tax table programming

	Tax rate (Share rate)	Calculation type	Primary tax status	Secondary tax status
Table 1	10.0000%	VAT		
Table 2	20.0000%	VAT		
:				
Table 4		VAT & VAT	1	2

→ Select tax status by <TAX EXEMPT>.

Item programming & registration result

	Program		Registration result	
	Unit price	Tax status	Taxable 1	Taxable 2
Item 1	\$10.00	4	\$10.00	\$10.00

Tax 1 Exempt

				\$10.00
--	--	--	--	---------

Tax 2 Exempt

			\$10.00	
--	--	--	---------	--

4-1-10 Programming void table

Operation

```

Machine Feature
-----
Machine Feature
6.Scheduler
7.Check Print
8.Table Analysis
9.Tax Table
10.Void Table
11.System Connection
12.I/O Parameter
13.Printer Connection
-----
0.00
    
```

4. Select “10. Void Table” and press the <YES> key.

```

Void Table
-----
Use Void Table  YES
-----
0.00
    
```

5. Press the <YES> key.

```

Void Table
-----
VOID01 000000
VOID02 000000
VOID03 000000
VOID04 000000
VOID05 000000
VOID06 000000
-----
0.00
    
```

6. Select an appropriate record and press the <YES> key.

7. Enter void character within 16 characters and press the <YES> key.

8. Enter value (below) and press the <YES> key.

9. Press the <ESC> key to return to the previous menu.

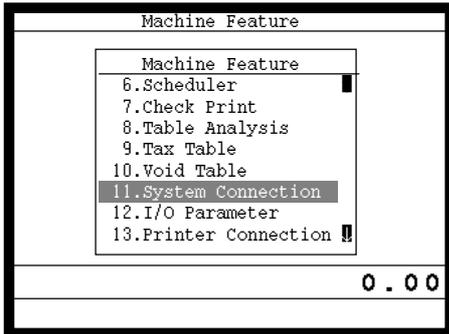
Worksheet for void table program

Description	Choice	Program code
Return stock value.	Yes = 0 No = 1	<input type="checkbox"/> D ₁

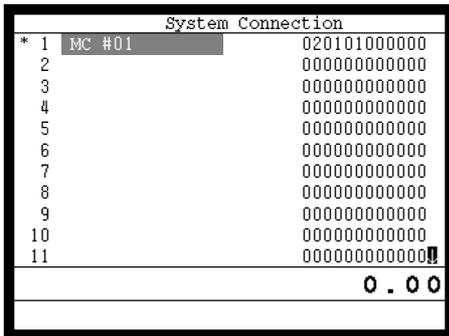
Program 3

4-1-11 Programming system connection

Operation



4. Select “11. System Connection” and press the <YES> key.



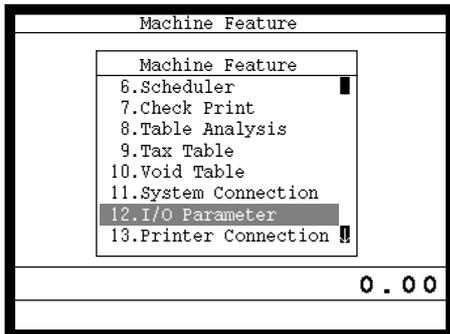
5. Select the record with “*” and press the <YES> key.
6. Enter the logical ID character within 12 characters and press the <YES> key.
8. Press the <←→> key and <↑> key, enter value (below; D_{12}, D_{11} and $D_{10} \sim D_1$) and press the <YES> key.
9. Press the <ESC> key to return to the previous menu.
10. This program should be made to all terminals in the cluster.

Worksheet for system connection program

Description	Choice	Program code
Terminal: Oneself = 02, Others = 01	Significant numbers	<input type="text"/> <input type="text"/> $D_{12} D_{11}$
Check tracking master/backup master (program value): Master = 01, Backup master = 02, Self master = 03, Satellite = 00	Significant numbers	<input type="text"/> <input type="text"/> $D_{10} D_9$
Check tracking master/backup master (current value): Master = 01, Backup master = 02, Self master = 03, Satellite = 00	Significant numbers	<input type="text"/> <input type="text"/> $D_8 D_7$
Always “00000”		<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> $D_6 D_5 D_4 D_3 D_2$
Check tracking cluster No. (0 ~ 9) (“0” means no designation.)	Significant number	<input type="text"/> D_1

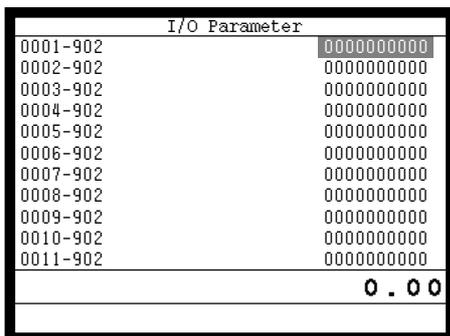
4-1-12 Programming I/O parameter

Operation



Note: Please perform the flag clear operation of the terminal after changing the I/O parameter table.

4. Select “12. I/O Parameter” and press the <YES> key.



5. Select an appropriate record, enter appropriate value (below) and press the <YES> key.

6. Press the <ESC> key to return to the previous menu.

Worksheet for I/O parameter program

First record (Inline)

Description	Choice	Program code
Inline baud rate: 312kbps = 0*, 156kbps = 1	Significant number	<input type="checkbox"/> D ₁

* For INLINE 2 (CAT5) cable, select 312kbps only.

Second record (Online)

Description	Choice	Program code
Online baud rate: 115200bps = 0,1 57600bps = 2, 38400bps = 3, 19200bps = 4, 9600bps = 5, 4800bps = 6, 2400bps = 7	Significant number	<input type="checkbox"/> D ₂
Activation signal (trigger): DR = 0, CI = 1	Significant number	<input type="checkbox"/> D ₁

Third record (not used)

Description	Choice	Program code
Always “0”		<input type="checkbox"/> D ₁

Program 3

Fourth record (Printer 1)

Note: Besides flag clear, please turn off and on the printer.

Description	Choice	Program code
Using RS-232C port for printer: COM2 = 2, COM3 = 3, COM4 = 4 (0, 1, 5 ~ 9: no connection)	Significant number	<input type="checkbox"/> D ₄
Baud rate of the RS-232C port for printer: 19200bps = 0, 9600bps = 1	Significant number	<input type="checkbox"/> D ₃
Using printer connected to RS-232C port: No printer = 99 • UP-350 = 00 • UP-250 = 02	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D ₂ D ₁

Fifth record (Printer2)

Note: Besides flag clear, please turn off and on the printer.

Description	Choice	Program code
Using RS-232C port for printer: COM2 = 2, COM3 = 3, COM4 = 4 (0, 1, 5 ~ 9: no connection)	Significant number	<input type="checkbox"/> D ₄
Baud rate of the RS-232C port for printer: 19200bps = 0, 9600bps = 1	Significant number	<input type="checkbox"/> D ₃
Using printer connected to RS-232C port: No printer = 99 • UP-350 = 00 • UP-250 = 02	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D ₂ D ₁

Sixth record (Remote display)

Description	Choice	Program code
Always "0"		<input type="checkbox"/> D ₂
Remote display: Connected = 1, Not connected = 0	Significant number	<input type="checkbox"/> D ₁

Seventh record (LCD)

Description	Choice	Program code
Display color: White line / black ground = 0, Black line / white ground = 1	Significant number	<input type="checkbox"/> D ₁

Eighth record not used)

Description	Choice	Program code
Always "0"		<input type="checkbox"/> D ₁

Ninth record (Scanner)

Description	Choice	Program code
Parity: Even = 0, Non = 1, Odd = 2	Significant number	<input type="checkbox"/> D ₄
Bit: 7 bit = 0, 8 bit = 1	Significant number	<input type="checkbox"/> D ₃
Scanner: Connect = 2, No = 0	Significant number	<input type="checkbox"/> D ₂
Baud rate: 2400 bps = 0, 9600 bps = 1, 4800 bps = 2	Significant number	<input type="checkbox"/> D ₁

Tenth record (Slip printer)

Note: Besides flag clear, please turn off and on the printer.

Description	Choice	Program code
Using RS-232C port for printer: COM2 = 2, COM3 = 3, COM4 = 4 (0, 1, 5 ~ 9: no connection)	Significant number	<input type="checkbox"/> D ₄
Baud rate of the RS-232C port for slip printer: No printer = 0, 9600bps = 1	Significant number	<input type="checkbox"/> D ₃
SP-1300: Connect = 70, No = 99	Significant number	<input type="checkbox"/> <input type="checkbox"/> D ₂ D ₁

Eleventh record (not used)

Description	Choice	Program code
Always "99"		<input type="checkbox"/> <input type="checkbox"/> D ₂ D ₁

Twelfth record (not used)

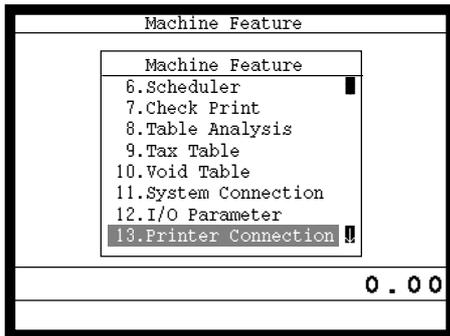
Description	Choice	Program code
Always "0"		<input type="checkbox"/> D ₁

Thirteenth record (Menu sheet)

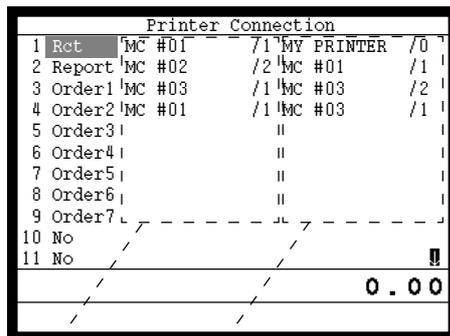
Description	Choice	Program code
Internal default number of menu shift (menu shift 1 = 0, 1, menu shift 2 = 2 ..., menu shift 8 = 8)	Significant number	<input type="checkbox"/> D ₁

4-1-13 Programming printer connection

Operation



4. Select “13. Printer Connection” and press the <YES> key.



Backup printer definition field
Main printer definition field

5. Select an appropriate record and press the <YES> key.
6. Select the printer type, “1. No, 2. Rct, 3. Report, 4 ~ 10. Order1~7” and press the <YES> key.

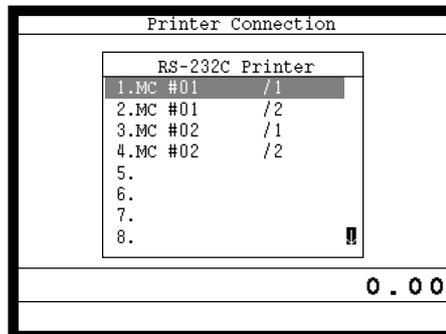
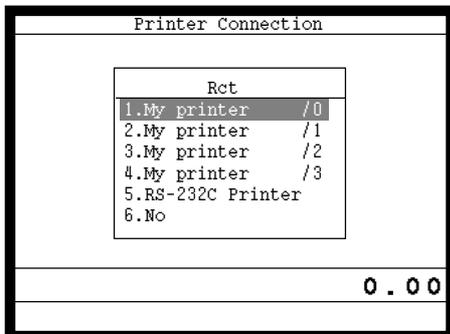
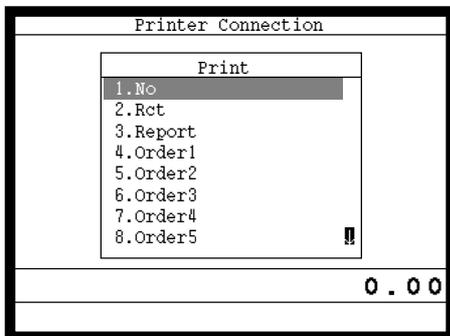
7. If you want to allocate the main printer, press the <-> key and press the <YES> key. After that, select these options, “1.My Printer #0/, 2.My Printer #1/, 3.My Printer #2/, 5.RS-232C Printer” and press the <YES> key.

8. If you select “5.RS-232C Printer”, select the terminal ID /1, or /2. (Do not set to /3.)

- /1 stands for the specified printer which is programmed in the forth record. (page 66)
- /2 stands for the specified printer which is programmed in the fifth record. (page 66)

9. If you want to allocate backup printer, press the <-> key to move the next field and set the backup printer in the backup printer field.

10. Press the <ESC> key to return to the previous menu.



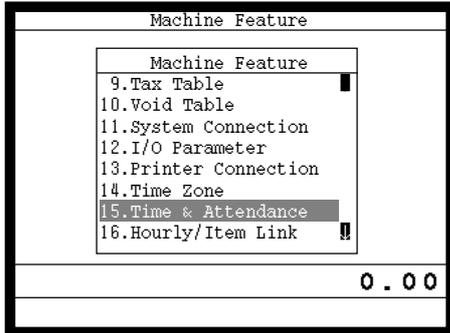
Note:

The 10-th through 16-th record of this file are used for the printer definition of order ID change of the Manager function.
The 17-th through 24-th record are not used.

Program 3

4-1-15 Programming time & attendance

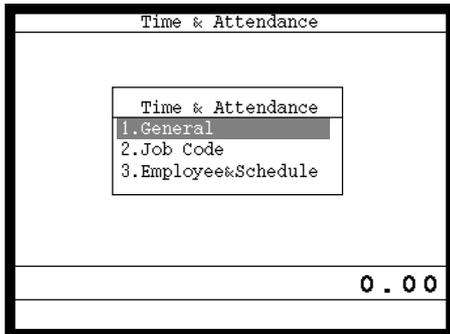
Preparation



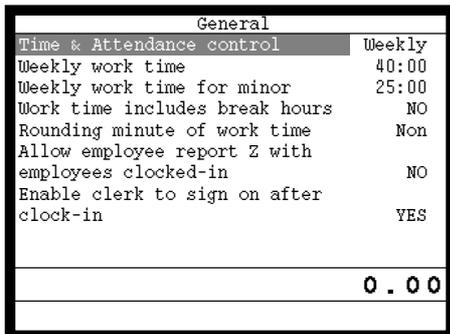
4. Select “15. Time & Attendance” and press the <YES> key.

4-1-15-1 Programming time & attendance (general)

Operation



5. Select “1. General” and press the <YES> key.



6. Select an appropriate record and choose options.

7. Press the <ESC> key to return to the previous menu.

Field meanings:

1. Time&Attendance control:
Weekly, Bi-weekly
2. Rounding minute of work time:
Non, 10 min., 15 min., 20 min., 30 min.

4-1-15-2 Programming time & attendance (job code)

Operation

The screenshot shows a terminal window titled "Time & Attendance". Inside, there is a sub-menu titled "Time & Attendance" with three options: "1.General", "2.Job Code", and "3.Employee&Schedule". The "2.Job Code" option is highlighted with a grey bar. At the bottom right of the terminal window, the value "0.00" is displayed.

5. Select "2. Job Code" and press the <YES> key.

The screenshot shows a terminal window titled "Time & Attendance". Inside, there is a sub-menu titled "Job Code" with eight options: "1.Cook", "2.Cashier", "3.Dish wash", "4.Floor cleaning", "5.JOB#05", "6.JOB#06", "7.JOB#07", and "8.JOB#08". The "1.Cook" option is highlighted with a grey bar. At the bottom right of the terminal window, the value "0.00" is displayed.

6. Select an appropriate job code and press the <YES> key.

The screenshot shows a terminal window displaying a record for "Memory No. 1". The record details are as follows:

Descriptor	Value
Descriptor	Cook
Pay Rate	9,999.99
Over Time Pay Ratio	99.99
Tip Declaration Compulsory	NO

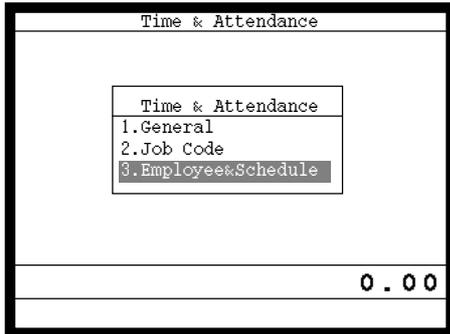
At the bottom right of the terminal window, the value "0.00" is displayed.

7. Select an appropriate record to enter the character or number and press the <YES> key, or choose option.

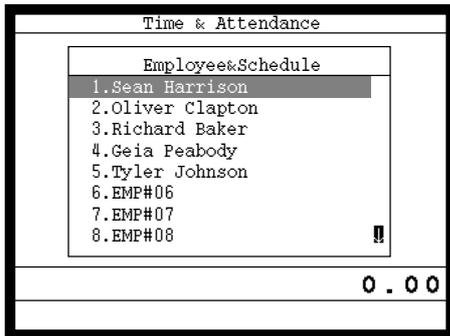
Program 3

4-1-15-3 Programming time & attendance (employee & schedule)

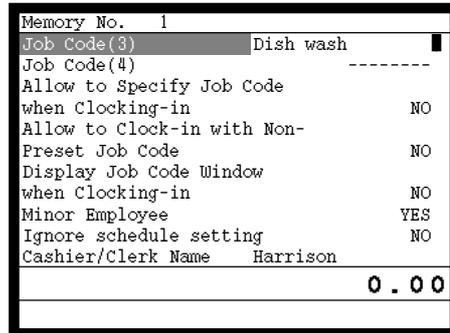
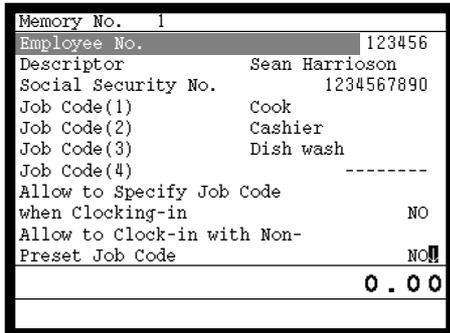
Operation



5. Select “3. Employee&Schedule” and press the <YES> key.



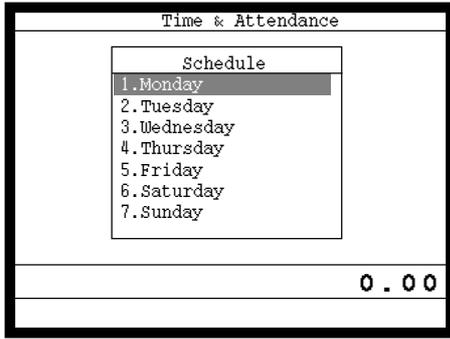
6. Select an appropriate employee file, and press the <YES> key.



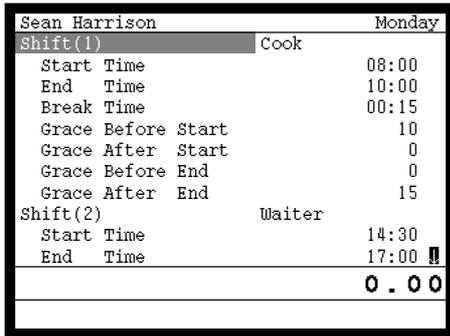
7. Select an appropriate record to enter the character or choose options.
 8. Press the <ESC> key to assign schedule mode.

Field Meanings:

- Employee No.: Put in the numeric number (0 ~ 999999). When you put “0” at the beginning of the number, these numbers are not recognized.
- Descriptor: Put the specific character within 16-digits from the leftmost side.
- Social Security No.: Put in the numeric number (0 ~ 9999999999). When you put “0” at the beginning of the number, these numbers are recognized.
- Job Code (1)~(4): Choose an item from the pulldown menu.
- Cashier/Clerk Name: Choose the corresponding cashier/clerk name from the pulldown menu.



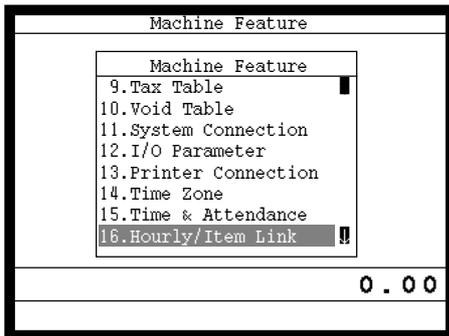
9. Select an appropriate day, and press the <YES> key.



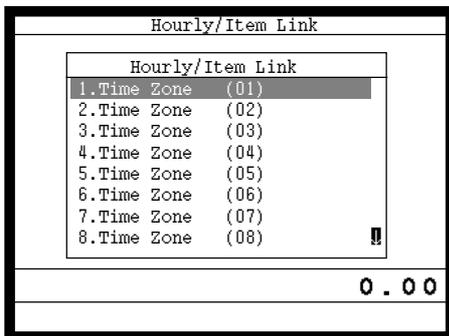
10. Select an appropriate record to enter the appropriate job and time.

4-1-16 Programming hourly item link

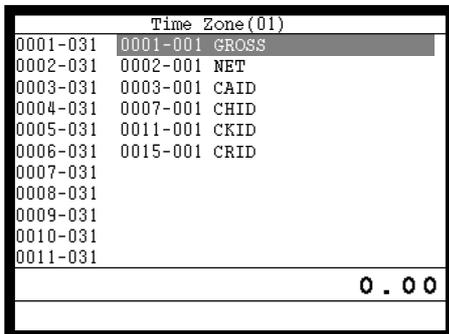
Operation



4. Select “16. Hourly/Item Link” and press the <YES> key.



5. Select an appropriate record, and press the <YES> key.



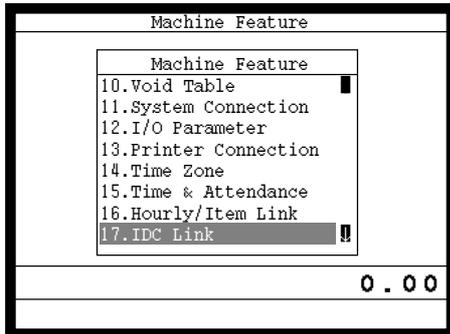
6. Select an appropriate record, and choose the items from PLU, subdepartment, department, function, fixed totalizer, group, and void reason.

- You can input the items directly from PLU, subdepartment, department and function. The PLU#, S-DEPT#, DEPT#, and LIST# keys are possible to use.
- If you want to delete the item, move the cursor on an appropriate item, and then press the <NO> key. All items below the cursor will be deleted. If you press <YES>, the pulldown menu will appear to select an item.

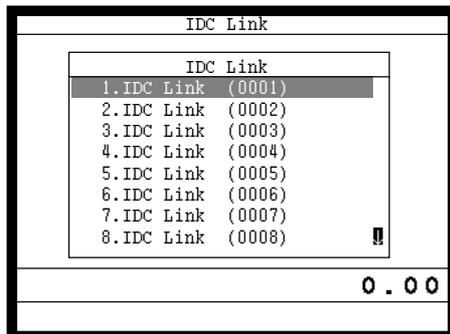
7. Press the <ESC> key to go to the next menu.

4-1-17 Programming IDC link

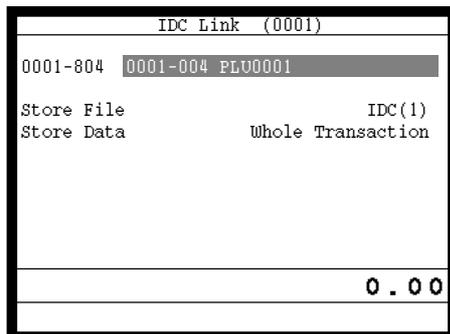
Operation



4. Select “17. IDC Link” and press the <YES> key.



5. Select an appropriate record, and press the <YES> key.



6. Select an appropriate item and press the <YES> key to choose an option.

7. Press the <ESC> key to return to the previous menu.

Field Meanings:

1. Item code:

- Choose an item from the pulldown menu of each file as below.
PLU, Sub-Department, Department, Function, Pull Down Group
Clerk

If you choose Clerk, then whole transaction is stored regardless “Store Data” option.

- You can input the items directly from PLU, Subdepartment, Department and Function. The PLU#, S-DEPT#, DEPT#, and LIST# keys are possible to use.
- To clear the record, enter “0” and then press the <YES> key.

2. Store File:

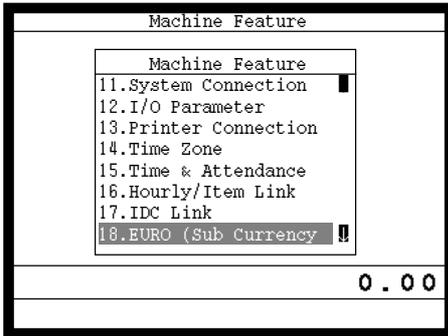
Specify the option for the Store File; “NO / IDC(1) / IDC(2) / IDC(3)”.

3. Store Data:

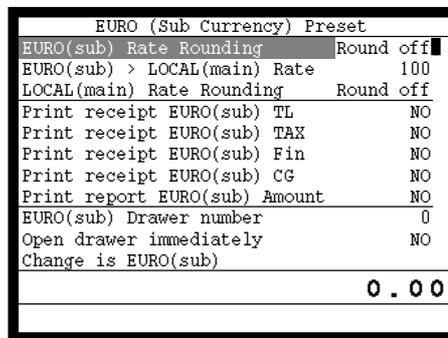
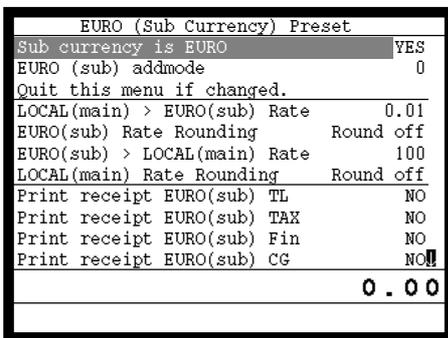
Specify the option for the store file; “Item only / Whole Transaction”.

4-1-18 Programming Euro

Operation



4. Select “18. EURO (sub currency)” and press the <YES> key.



5. Select the field you want to change and press the <YES> / <NO> key or enter the numeric value and press the <YES> key.

6. After programming, you should press the <ESC> key to return to the previous menu.

Field Meanings:

1. EURO (sub) add mode:

Monetary mode of the currency (0 ~ 3)

Note: If you changed this value, just terminate this program and re-enter, in case of modifying some values in this menu.

2. Rate: 6 digits, 0.00001 ~ 999999

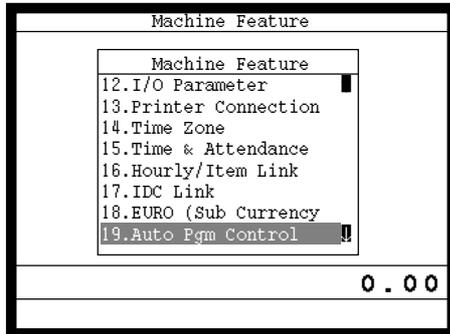
3. Rate rounding: Round off/Cut off/Round up

4. Drawer number: Main = 0, 1 / Sub (option) = 2 ~ 4

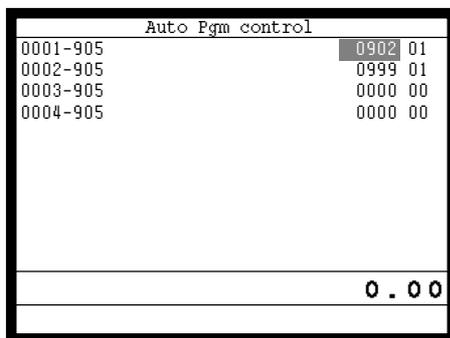
4-1-19 Programming auto program control

This program restricts the broadcasting / receiving feature after programming.

Operation



4. Select “19. Auto Pgm control” and press the <YES> key.



5. Select an appropriate record, and enter the program code.

6. Press the <ESC> key to return to the previous menu.

Worksheet for Auto program control program

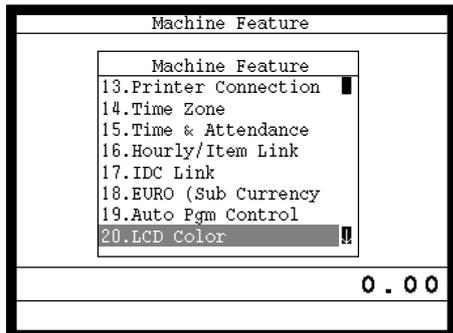
Description	Choice	Program code
File No.	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₆ D ₅ D ₄ D ₃
Broadcast this file (designated by D ₆ ~ D ₃) only.	No = 0 Yes = 1	<input type="checkbox"/> D ₂
Ignore to receive this file (designated by D ₆ ~ D ₃).	No = 0 Yes = 1	<input type="checkbox"/> D ₁

Program 3

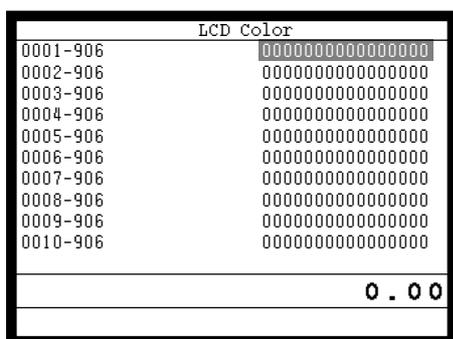
4-1-20 Programming LCD color control

This program controls color LCD.

Operation



4. Select “20. LCD Color” and press the <YES> key.



5. Select an appropriate record, and enter the program code.
6. Press the <ESC> key to return to the previous menu.

Worksheet for LCD color control

0001-906 (Color pattern selection)

Description	Choice	Program code
Color pattern: pattern 1 = 1 (default), pattern 2 = 2, pattern 3 = 3 Enter “0” if you program special colors.	Significant number	<input type="text"/> D ₁

0002-906 ~ 0009-906 (Special color program)

0002: Header area, 0003: Scroll area, 0004: Entry area, 0005: Status/ST area, 0006: Frame window, 0007: Message window, 0008: Error window, 0009: Guidance area

Description	Choice	Program code
Color code of the character in window title area (only for Frame window)	Significant numbers (001 ~ 256)	<input type="text"/> <input type="text"/> <input type="text"/> D ₁₅ D ₁₄ D ₁₃
Color code of the back ground in window title area (only for Frame window)	Significant numbers (001 ~ 256)	<input type="text"/> <input type="text"/> <input type="text"/> D ₁₂ D ₁₁ D ₁₀
Color code of the frame (only for Frame window, Message window and Error window)	Significant numbers (001 ~ 256)	<input type="text"/> <input type="text"/> <input type="text"/> D ₉ D ₈ D ₇
Color code of the character	Significant numbers (001 ~ 256)	<input type="text"/> <input type="text"/> <input type="text"/> D ₆ D ₅ D ₄
Color code of the back ground	Significant numbers (001 ~ 256)	<input type="text"/> <input type="text"/> <input type="text"/> D ₃ D ₂ D ₁

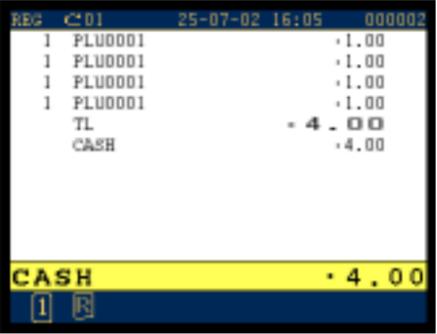
0010-906 (not used)

Display color patterns

If you use one of these patterns below, just enter “1 ~ 3” to the first record of the file.

Color pattern 1

Main window



Frame window



Message window



Error window

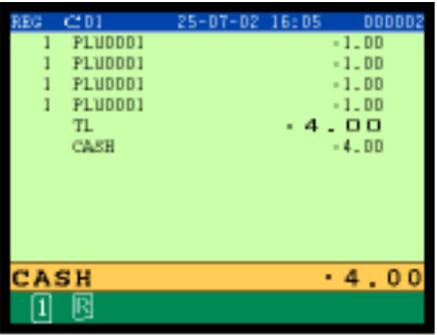


Guidance area

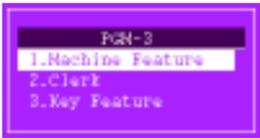


Color pattern 2

Main window



Frame window



Message window



Error window



Guidance area

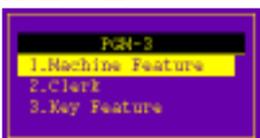


Color pattern 3

Main window



Frame window



Message window



Error window



Guidance area



Note: These images are printing samples. The displaying color images are different from above samples.

If you want to modify colors, you should fill the below fields by color codes (refer to the color code table, and field area/window meaning on the next page).

NOTE: In this case, enter “0” to the 1st record.

	character in window title	back ground in window title	frame	character (body area)	back ground (body area)
Header area (2nd record)	0 0 0 0	0 0 0	0 0 0		
Scroll area (3rd record)	0 0 0 0	0 0 0	0 0 0		
Entry area (4th record)	0 0 0 0	0 0 0	0 0 0		
Status / ST area (5th record)	0 0 0 0	0 0 0	0 0 0		
Frame window (6th record)	0				
Message window (7th record)	0 0 0 0	0 0 0			
Error window (8th record)	0 0 0 0	0 0 0			
Guidance area (9th record)	0 0 0 0	0 0 0	0 0 0		

We recommend that you start with modifying the default 3 patterns as templates. The following table is the preset value of the default 3 patterns.

	Pattern 1	Pattern 2	Pattern 3
2nd record Header area	0 000 000 000 250 006	0 000 000 000 250 011	0 000 000 000 250 009
3rd record Scroll area	0 000 000 000 001 256	0 000 000 000 001 191	0 000 000 000 256 006
4th record Entry area	0 000 000 000 001 254	0 000 000 000 001 250	0 000 000 000 006 256
5th record Status / ST area	0 000 000 000 250 006	0 000 000 000 256 018	0 000 000 000 250 009
6th record Frame window	0 253 001 253 253 099	0 256 066 256 256 168	0 253 001 253 253 099
7th record Message window	0 000 000 253 253 046	0 000 000 256 256 018	0 000 000 253 253 046
8th record Error window	0 000 000 253 253 161	0 000 000 256 256 230	0 000 000 253 253 161
9th record Guidance area	0 000 000 000 253 198	0 000 000 000 256 230	0 000 000 000 253 198

Field area / window meaning

Main window (Header, Scroll, Entry, Status/ST area)

Header area
 character
 back ground

Scroll area
 character
 back ground

Entry area
 character
 back ground

Status/ST area
 character
 back ground

```

REG  C01      25-07-02 16:05    000002
1  PLU0001      .1.00
1  PLU0001      .1.00
1  PLU0001      .1.00
1  PLU0001      .1.00
    TL          - 4.00
    CASH         .4.00

CASH          .4.00
    
```

Frame window

Frame
 Window title area
 back ground
 character
 Body area
 character
 back ground

```

PGM-3
1.Machine Feature
2.Clerk
3.Key Feature
    
```

Message window/Error window

Frame
 Body area
 character
 back ground

```

Operator mistake
    
```

Guidance area

Body area
 character
 back ground

```

Please Sign on.
    
```

Color code table

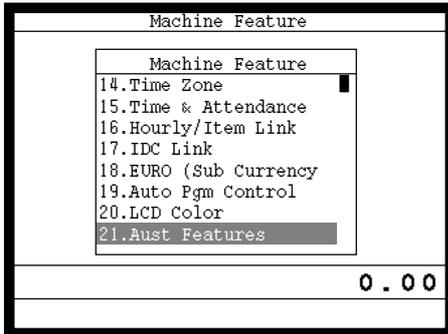
(256)	(255)	(254)	(253)	(252)	(251)	(250)	(249)	(248)	(247)	(246)	(245)	(244)	(243)	(242)	(241)
(240)	(239)	(238)	(237)	(236)	(235)	(234)	(233)	(232)	(231)	(230)	(229)	(228)	(227)	(226)	(225)
(224)	(223)	(222)	(221)	(220)	(219)	(218)	(217)	(216)	(215)	(214)	(213)	(212)	(211)	(210)	(209)
(208)	(207)	(206)	(205)	(204)	(203)	(202)	(201)	(200)	(199)	(198)	(197)	(196)	(195)	(194)	(193)
(192)	(191)	(190)	(189)	(188)	(187)	(186)	(185)	(184)	(183)	(182)	(181)	(180)	(179)	(178)	(177)
(176)	(175)	(174)	(173)	(172)	(171)	(170)	(169)	(168)	(167)	(166)	(165)	(164)	(163)	(162)	(161)
(160)	(159)	(158)	(157)	(156)	(155)	(154)	(153)	(152)	(151)	(150)	(149)	(148)	(147)	(146)	(145)
(144)	(143)	(142)	(141)	(140)	(139)	(138)	(137)	(136)	(135)	(134)	(133)	(132)	(131)	(130)	(129)
(128)	(127)	(126)	(125)	(124)	(123)	(122)	(121)	(120)	(119)	(118)	(117)	(116)	(115)	(114)	(113)
(112)	(111)	(110)	(109)	(108)	(107)	(106)	(105)	(104)	(103)	(102)	(101)	(100)	(099)	(098)	(097)
(096)	(095)	(094)	(093)	(092)	(091)	(090)	(089)	(088)	(087)	(086)	(085)	(084)	(083)	(082)	(081)
(080)	(079)	(078)	(077)	(076)	(075)	(074)	(073)	(072)	(071)	(070)	(069)	(068)	(067)	(066)	(065)
(064)	(063)	(062)	(061)	(060)	(059)	(058)	(057)	(056)	(055)	(054)	(053)	(052)	(051)	(050)	(049)
(048)	(047)	(046)	(045)	(044)	(043)	(042)	(041)	(040)	(039)	(038)	(037)	(036)	(035)	(034)	(033)
(032)	(031)	(030)	(029)	(028)	(027)	(026)	(025)	(024)	(023)	(022)	(021)	(020)	(019)	(018)	(017)
(016)	(015)	(014)	(013)	(012)	(011)	(010)	(009)	(008)	(007)	(006)	(005)	(004)	(003)	(002)	(001)

Note: These images are printing samples. The displaying color images are different from above samples.

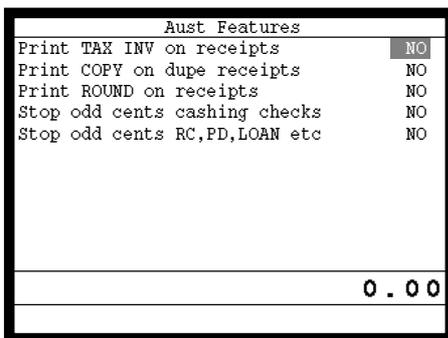
4-1-21 Programming Australian GST control

This program controls Australian GST control.

Operation



4. Select “21. Aust Features” and press the <YES> key.

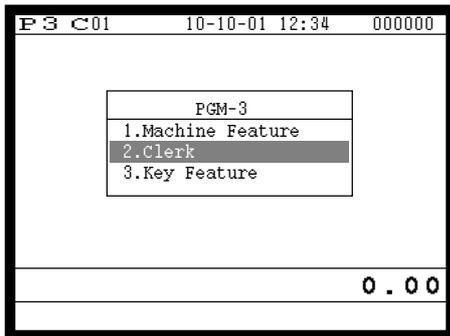


5. Select the field you want to change and press the <YES> / <NO> key.

6. Press the <ESC> key to return to the previous menu.

4-2. Programming clerks

Preparation:

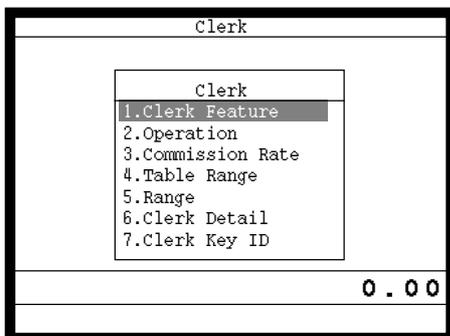


1. Sign on a clerk (if necessary).
2. Press <PGM MODE> repeatedly or “3” <PGM MODE> to assign Program 3 mode.

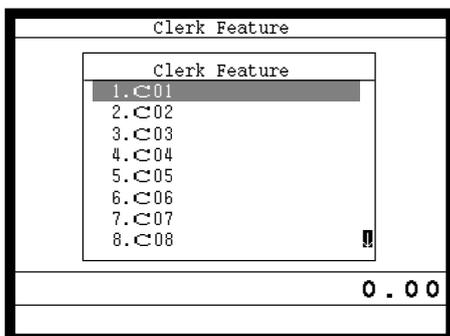
3. Select “2. Clerk” and press the <YES> key.

4-2-1 Programming clerk features

Operation



4. Select “1. Clerk Feature” and press the <YES> key.



5. Select an appropriate clerk and press the <YES> key.

Memory No.	1
Descriptor	C01
Secret number	1
Check No. for Clerk Interrupt	1
Drawer number	0
Type of operator	Cashier
Treat as Trainee	NO
Allow clerk to open check No. belonging to another clerks	NO
Prohibit clerk sign on	NO
Clerk sign off when receipt is issued	YES
	0 . 0 0

Memory No.	1
Secret number	1
Check No. for Clerk Interrupt	0
Drawer number	0
Type of operator	Cashier
Treat as Trainee	NO
Allow clerk to open check No. belonging to another clerks	NO
Prohibit clerk sign on	NO
Clerk sign off when receipt is issued	YES
Void operation	Current only
	0 . 0 0

6. Select an appropriate record and choose options.
7. After programming, press the <ESC> key to return to the previous menu.

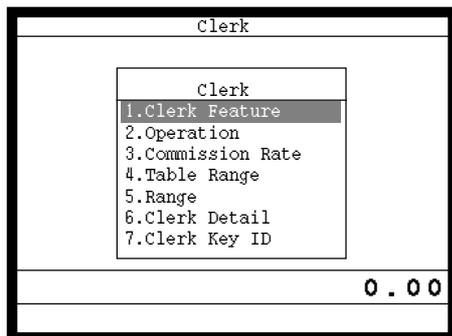
Field meaning

1. Type of operator:
Choose "Cashier/Clerk/Manager."
2. Void operation:
Choose "Current only/Complete void/Not allowed."
3. Descriptor (16 digits)
4. Secret code (1 ~ 9999)
5. Check number for clerk interrupt (1 ~ 999999)
6. Drawer number (1 ~ 4)

Program 3

4-2-2 Programming operation

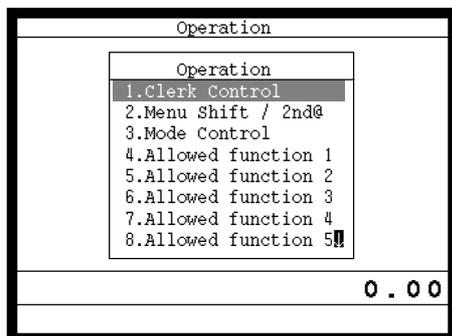
Preparation



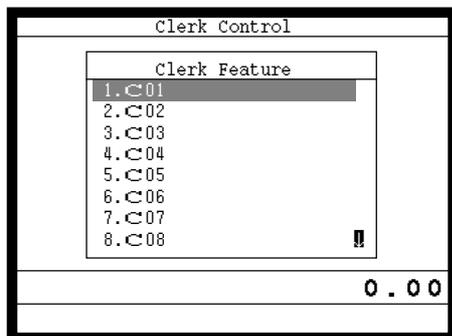
4. Select “2. Operation” and press the <YES> key.

4-2-2-1 Programming clerk control

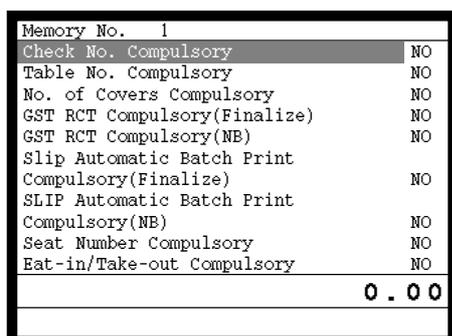
Operation



5. Select “1. Clerk Control” and press the <YES> key.



6. Select an appropriate clerk and press the <YES> key.

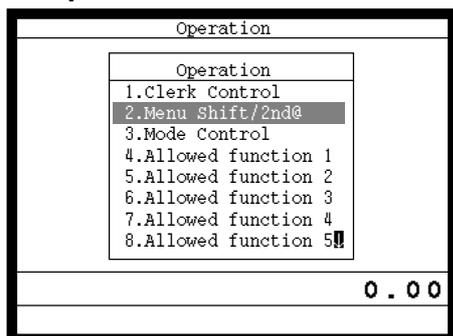


7. Select an appropriate record and choose options.

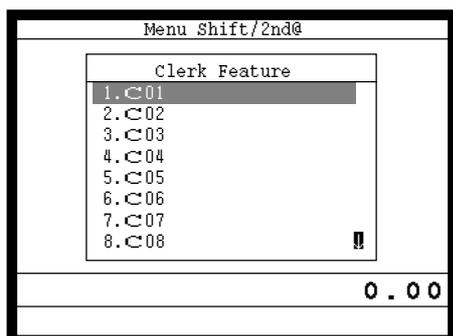
8. After programming, press the <ESC> key to return to the previous menu.

4-2-2-2 Programming menu shift/2nd@

Operation



5. Select “2. Menu Shift/2nd@” and press the <YES> key.



6. Select an appropriate clerk and press the <YES> key.

Memory No.	1	
Allow to operate 1st Menu	YES	
Allow to operate 2nd Menu	YES	
Allow to operate 3rd Menu	YES	
Allow to operate 4th Menu	YES	
Allow to operate 5th Menu	YES	
Allow to operate 6th Menu	YES	
Allow to operate 7th Menu	YES	
Allow to operate 8th Menu	YES	
Shift PLU after sign on	0	
Menu shift after sign on	0	
Price shift after sign on	0	
		0.00

Memory No.	1	
Allow to operate 3rd Menu	YES	
Allow to operate 4th Menu	YES	
Allow to operate 5th Menu	YES	
Allow to operate 6th Menu	YES	
Allow to operate 7th Menu	YES	
Allow to operate 8th Menu	YES	
Shift PLU after sign on	0	
Menu shift after sign on	0	
Price shift after sign on	0	
Menu shift	Status	
Price shift	Status	
		0.00

7. Select an appropriate record and choose options.

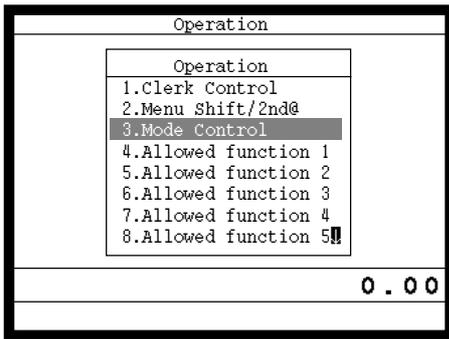
8. After programming, press the <ESC> key to return to the previous menu.

Field meaning

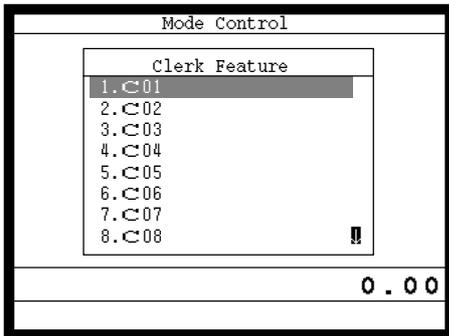
1. Allow to operate 1st ~ 8th Menu:
Allow/Prohibit to register by n-th (n = 1 ~ 8) Menu.
2. Shift PLU after sign on: (1 ~ 8)
Menu shift after sign on: (1 ~ 8)
Price shift after sign on: (1 ~ 2)
Default No. of subject after signing on.
3. Menu shift status/stay down:
Price shift status/stay down:
Not maintain/Maintain menu sheet No./@ menu sheet No. after item registration.

4-2-2-3 Programming mode control

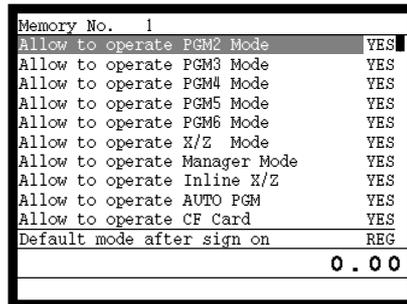
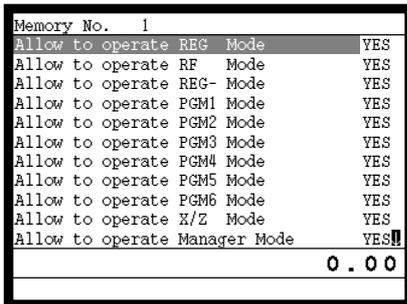
Operation



5. Select "3. Mode Control" and press the <YES> key.



6. Select an appropriate clerk and press the <YES> key.



7. Select an appropriate record and choose options.

8. After programming, press the <ESC> key to return to the previous menu.

4-2-2-4 Programming function control 1

Operation

Operation	
Operation	
1.Clerk Control	
2.Menu Shift/2nd@	
3.Mode Control	
4.Allowed function 1	
5.Allowed function 2	
6.Allowed function 3	
7.Allowed function 4	
8.Allowed function 5	
0.00	

5. Select "4. Allowed function 1" and press the <YES> key.

Allowed function 1	
Clerk Feature	
1.C01	
2.C02	
3.C03	
4.C04	
5.C05	
6.C06	
7.C07	
8.C08	
0.00	

6. Select an appropriate clerk and press the <YES> key.

Memory No. 1	
Cash	YES
Charge	YES
Check	YES
Credit	YES
Food Stamp Tender	YES
New Balance	YES
EBT Tender	YES
Price Inquiry	YES
Stock Inquiry	YES
Character Recall	YES
Character Print	YES
0.00	

Memory No. 1	
Check Print	YES
Clerk Transfer	YES
Table Transfer	YES
Tip	YES
Normal Receipt	YES
Loan	YES
Received on Account	YES
Paid out	YES
Pick up	YES
Coupon	YES
Deposit	YES
0.00	

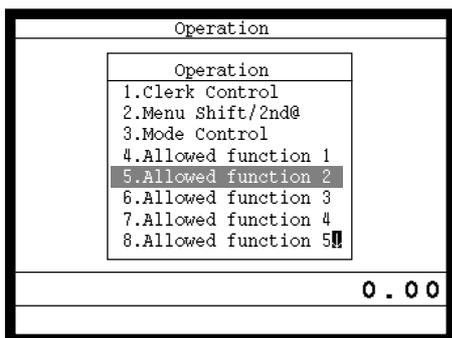
Memory No. 1	
Received on Account	YES
Paid out	YES
Pick up	YES
Coupon	YES
Deposit	YES
Minus	YES
% Minus	YES
Plus	YES
% Plus	YES
Refund	YES
Coupon?	YES
0.00	

7. Select an appropriate record and press the <YES> / <NO> key.

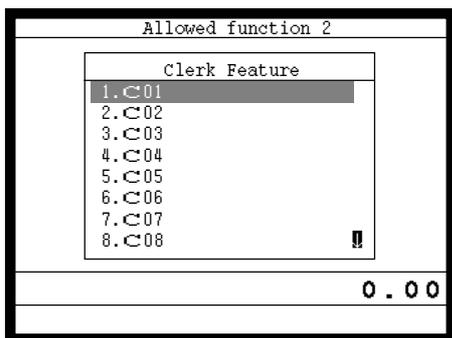
8. After programming, press the <ESC> key to return to the previous menu.

4-2-2-5 Programming function control 2

Operation



5. Select "5. Allowed function 2" and press the <YES> key.



6. Select an appropriate clerk and press the <YES> key.

Memory No. 1	
Validation	YES
Receipt	YES
Check Endorsement	YES
#	YES
#/Non Sales	YES
Non Sales	YES
Number of Covers	YES
Arrangement	YES
Currency Exchange	YES
VAT	YES
Bill Copy	YES
0.00	

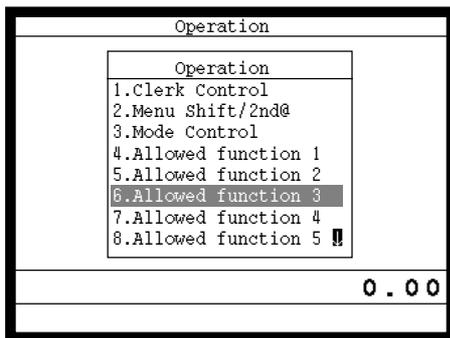
Memory No. 1	
SLIP Back Feed/Release	YES
SLIP Print	YES
SLIP Feed/Release	YES
T/S	YES
Table Number	YES
F/S	YES
Money Declaration (not used)	YES
Tax Exempt	YES
Menu Shift	YES
Shift PLU	YES
LC Open	YES
0.00	

Memory No. 1	
T/S	YES
Table Number	YES
F/S	YES
Money Declaration	YES
Tax Exempt	YES
Menu Shift	YES
Shift PLU	YES
LC Open	YES
Preset Open	YES
1st unit price shift	YES
2nd unit price shift	YES
0.00	

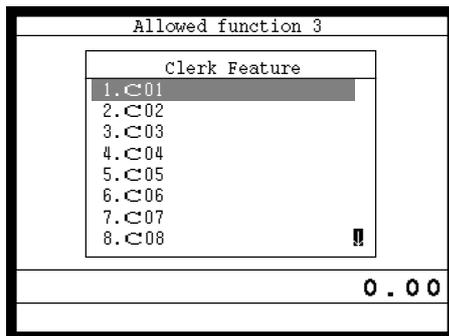
7. Select an appropriate record and press the <YES> / <NO> key.
8. After programming, press the <ESC> key to return to the previous menu.

4-2-2-6 Programming function control 3

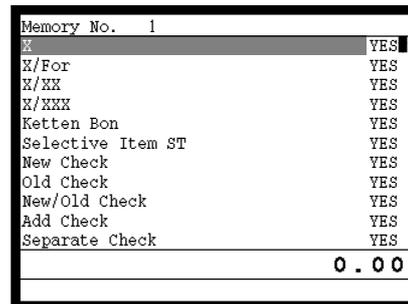
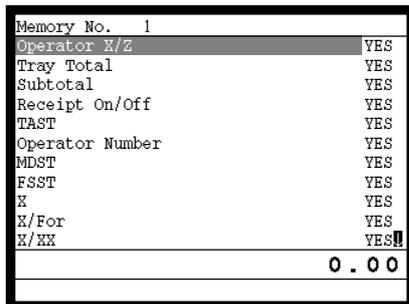
Operation



5. Select “6. Allowed function 3” and press the <YES> key.



6. Select an appropriate clerk and press the <YES> key.



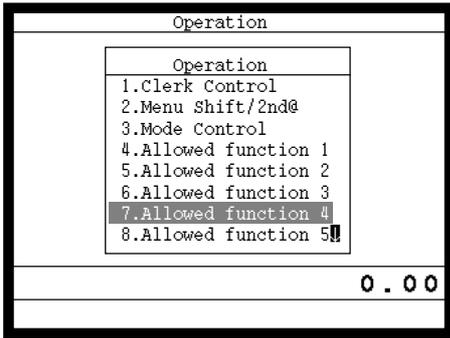
7. Select an appropriate record and press the <YES> / <NO> key.

8. After programming, press the <ESC> key to return to the previous menu.

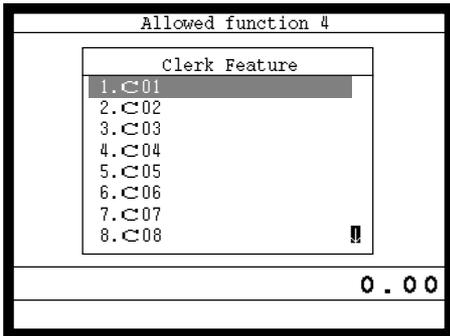
Program 3

4-2-2-7 Programming function control 4

Operation



5. Select "7. Allowed function 4" and press the <YES> key.



6. Select an appropriate clerk and press the <YES> key.

Memory No. 1	
Substitution	YES
House Bon	YES
Operator Open Check	YES
Media Change	YES
Seat Number	YES
Display On/Off	YES
REG Mode	YES
X/Z Mode	YES
PGM Mode	YES
Post Entry	YES
Round Repeat	YES

0.00

Memory No. 1	
Eat-in	YES
Take-out	YES
Store	YES
Recall	YES
Dutch Account	YES
Reverse Display	YES
E-Journal Display	YES
Home Position	YES
Display Mode Change	YES
All Void (Current only)	YES
All Void (Complete Void)	YES

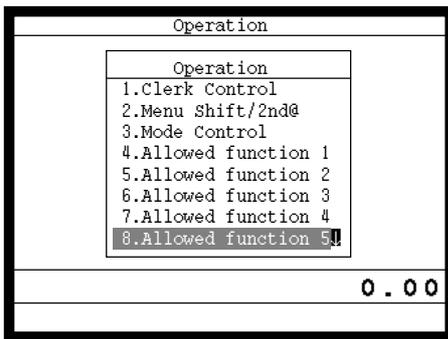
0.00

7. Select an appropriate record and press the <YES> / <NO> key.

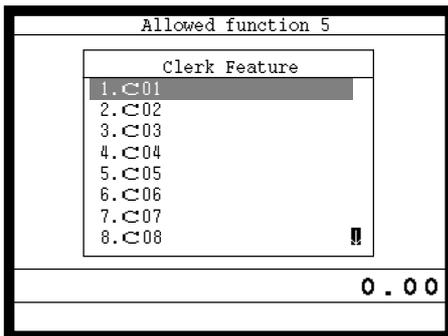
8. After programming, press the <ESC> key to return to the previous menu.

4-2-2-8 Programming function control 5

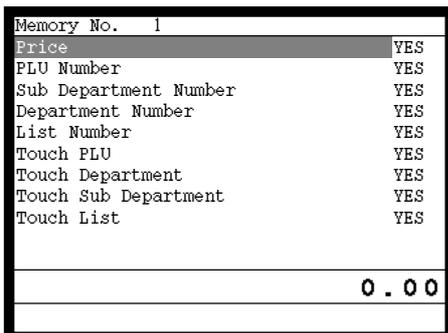
Operation



5. Select "8. Allowed function 5" and press the <YES> key.



6. Select an appropriate clerk and press the <YES> key.

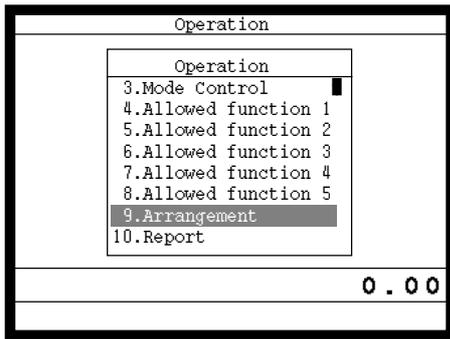


7. Select an appropriate record and press the <YES> / <NO> key.

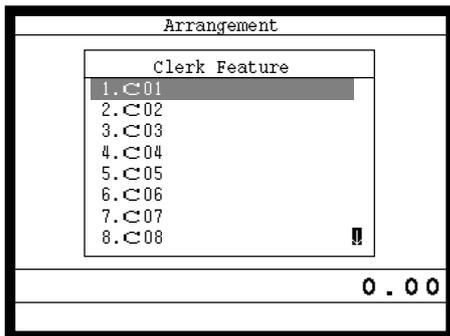
8. After programming, press the <ESC> key to return to the previous menu.

4-2-2-9 Programming arrangement control

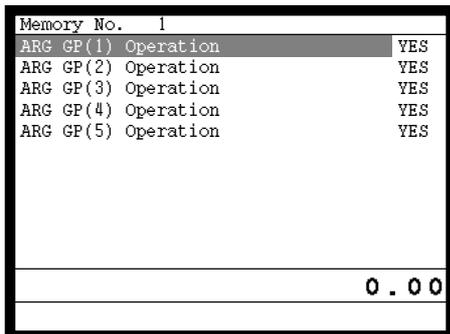
Operation



5. Select "9. Arrangement" and press the <YES> key.



6. Select an appropriate clerk and press the <YES> key.



7. Select an appropriate record and press the <YES> / <NO> key.

8. After programming, press the <ESC> key to return to the previous menu.

4-2-2-10 Programming X/Z report control

Operation

Operation	
3.Mode Control	
4.Allowed function 1	
5.Allowed function 2	
6.Allowed function 3	
7.Allowed function 4	
8.Allowed function 5	
9.Arrangement	
10.Report	

0 . 00

5. Select "10. Report" and press the <YES> key.

Report	
Clerk Feature	
1.C01	
2.C02	
3.C03	
4.C04	
5.C05	
6.C06	
7.C07	
8.C08	

0 . 00

6. Select an appropriate clerk and press the <YES> key.

Memory No.	1	
Daily X		YES
Daily Z		YES
Periodic(1) X		YES
Periodic(1) Z		YES
Periodic(2) X		YES
Periodic(2) Z		YES
Batch X/Z(1)		YES
Batch X/Z(2)		YES
Batch X/Z(3)		YES
Batch X/Z(4)		YES
Batch X/Z(5)		YES

0 . 00

Memory No.	1	
Batch X/Z(6)		YES
Batch X/Z(7)		YES
Batch X/Z(8)		YES
Batch X/Z(9)		YES
Batch X/Z(10)		YES
Operator X		YES
Operator Z		YES
Individual totalizer X/Z		YES
Individual X/Z (Key direct)		YES
Individual X/Z (Others)		YES
Employee X/Z		YES

0 . 00

Memory No.	1	
Batch X/Z(7)		YES
Batch X/Z(8)		YES
Batch X/Z(9)		YES
Batch X/Z(10)		YES
Operator X		YES
Operator Z		YES
Individual totalizer X/Z		YES
Individual X/Z (Key direct)		YES
Individual X/Z (Others)		YES
Employee X/Z		YES
Employee Edit		YES

0 . 00

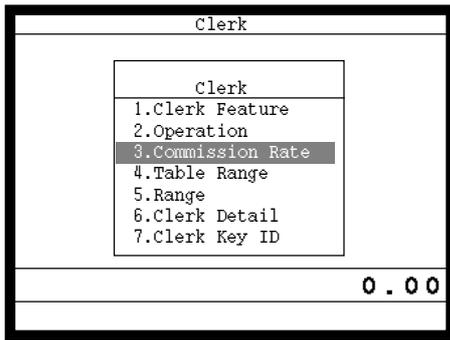
7. Select an appropriate record and press the <YES> / <NO> key.

8. After programming, press the <ESC> key to return to the previous menu.

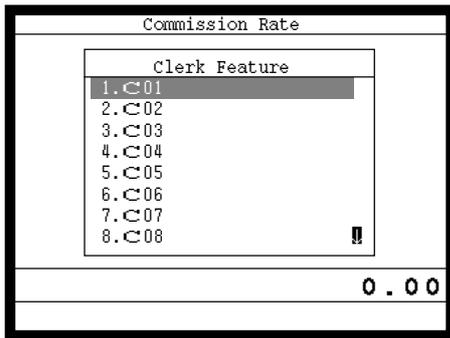
Program 3

4-2-3 Programming commission rate

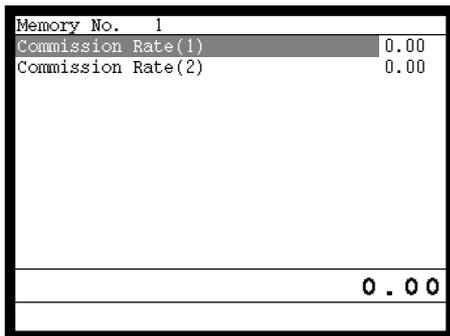
Operation



4. Select “3. Commission Rate” and press the <YES> key.



5. Select an appropriate clerk and press the <YES> key.

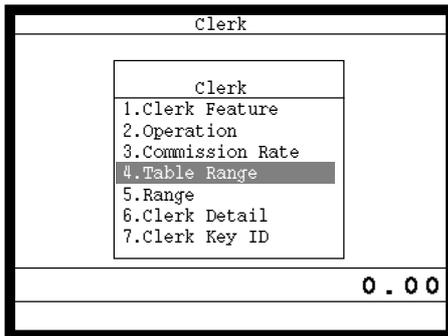


7. Select an appropriate record and enter value (0 ~ 99.99), and then press the <YES> key.

8. After programming, press the <ESC> key to return to the previous menu.

4-2-4 Programming table range

Operation



Clerk

Clerk
1.Clerk Feature
2.Operation
3.Commission Rate
4.Table Range
5.Range
6.Clerk Detail
7.Clerk Key ID

0.00

4. Select “4. Table Range” and press the <YES> key.

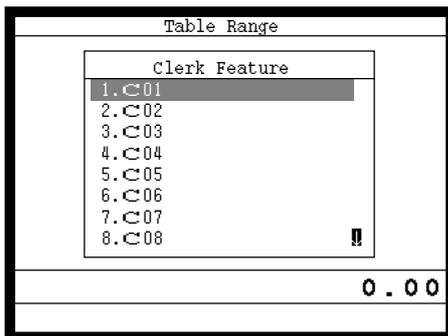
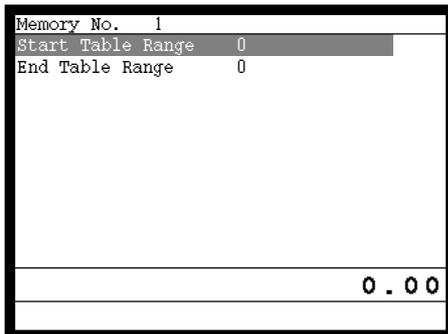


Table Range

Clerk Feature
1. C01
2. C02
3. C03
4. C04
5. C05
6. C06
7. C07
8. C08

0.00

5. Select an appropriate clerk and press the <YES> key.



Memory No. 1

Start Table Range	0
End Table Range	0

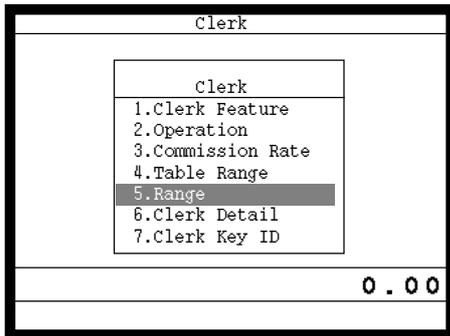
0.00

7. Select an appropriate record and enter values (0 ~ 999999), and then press the <YES> key.

8. After programming, press the <ESC> key to return to the previous menu.

4-2-5 Programming clerk control by range

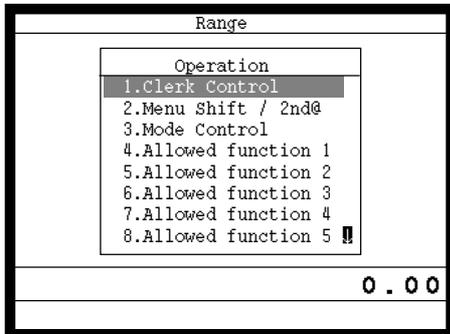
Preparation



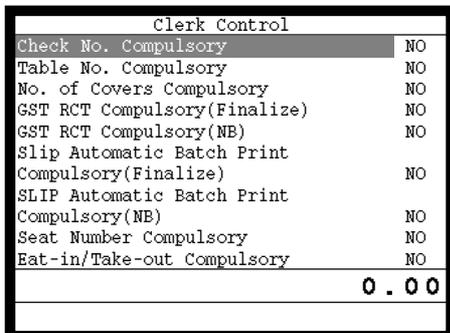
4. Select "5. Range" and press the <YES> key.

4-2-5-1 Programming clerk control by range

Operation

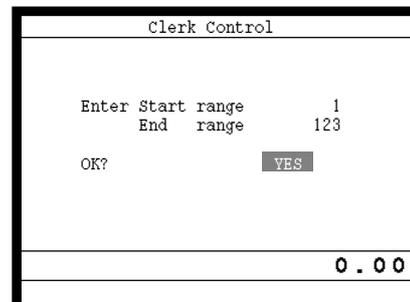
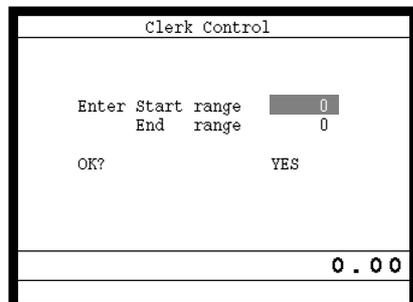


5. Select "1. Clerk Control" and press the <YES> key.



6. Select an appropriate record and choose options.

7. After programming, press the <ESC> key to proceed to the next step.



8. Enter the start range No. and press the <YES> key.

(It starts "0001" if you skip to enter the start range.)

Then enter the end range No. and press the <YES> key.

(It ends the last record if you skip to enter the end range.)

9. Press the <YES> key.

10. Press the <ESC> key to return to the previous menu.

4-2-5-2 Programming menu shift / 2nd@ by range

Operation

Range	
Operation	
1.Clerk Control	
2.Menu Shift/2nd@	
3.Mode Control	
4.Allowed function 1	
5.Allowed function 2	
6.Allowed function 3	
7.Allowed function 4	
8.Allowed function 5	!!
0.00	

5. Select "2. Menu Shift / 2nd@" and press the <YES> key.

Menu Shift / 2nd@	
Allow to operate 1st Menu	YES
Allow to operate 2nd Menu	YES
Allow to operate 3rd Menu	YES
Allow to operate 4th Menu	YES
Allow to operate 5th Menu	YES
Allow to operate 6th Menu	YES
Allow to operate 7th Menu	YES
Allow to operate 8th Menu	YES
Shift PLU after sign on	0
Menu shift after sign on	0
Price shift after sign on	0!!
0.00	

Menu Shift / 2nd@	
Allow to operate 3rd Menu	YES
Allow to operate 4th Menu	YES
Allow to operate 5th Menu	YES
Allow to operate 6th Menu	YES
Allow to operate 7th Menu	YES
Allow to operate 8th Menu	YES
Shift PLU after sign on	0
Menu shift after sign on	0
Price shift after sign on	0
Menu shift	Status
Price shift	Status
0.00	

6. Select an appropriate record and choose options.

7. After programming, press the <ESC> key to proceed to the next step.

Menu Shift / 2nd@	
Enter Start range	0
End range	0
OK?	YES
0.00	

Menu Shift / 2nd@	
Enter Start range	1
End range	99
OK?	YES
0.00	

8. Enter the start range No. and press the <YES> key.

(It starts "0001" if you skip to enter the start range.)

Then enter the end range No. and press the <YES> key.

(It ends the last record if you skip to enter the end range.)

9. Press the <YES> key.

10. Press the <ESC> key to return to the previous menu.

4-2-5-3 Programming mode control by range

Operation

Range	
Operation	
1.Clerk Control	
2.Menu Shift/2nd@	
3.Mode Control	
4.Allowed function 1	
5.Allowed function 2	
6.Allowed function 3	
7.Allowed function 4	
8.Allowed function 5	
0 . 0 0	

5. Select “3. Mode Control” and press the <YES> key.

Mode Control	
Allow to operate REG Mode	YES
Allow to operate RF Mode	YES
Allow to operate REG- Mode	YES
Allow to operate PGM1 Mode	YES
Allow to operate PGM2 Mode	YES
Allow to operate PGM3 Mode	YES
Allow to operate PGM4 Mode	YES
Allow to operate PGM5 Mode	YES
Allow to operate PGM6 Mode	YES
Allow to operate X/Z Mode	YES
Allow to operate Manager Mode	YES
0 . 0 0	

Mode Control	
Allow to operate PGM2 Mode	YES
Allow to operate PGM3 Mode	YES
Allow to operate PGM4 Mode	YES
Allow to operate PGM5 Mode	YES
Allow to operate PGM6 Mode	YES
Allow to operate X/Z Mode	YES
Allow to operate Manager Mode	YES
Allow to operate Inline Mode	YES
Allow to operate AUTO PGM	YES
Allow to operate CF Card	YES
Default mode after sign on	REG
0 . 0 0	

6. Select an appropriate record and choose options.

7. After programming, press the <ESC> key to proceed to the next step.

Mode Control	
Enter Start range	0
End range	0
OK?	YES
0 . 0 0	

Mode Control	
Enter Start range	1
End range	99
OK?	YES
0 . 0 0	

8. Enter the start range No. and press the <YES> key.

(It starts “0001” if you skip to enter the start range.)

Then enter the end range No. and press the <YES> key.

(It ends the last record if you skip to enter the end range.)

9. Press the <YES> key.

10. Press the <ESC> key to return to the previous menu.

4-2-5-4 Programming function control 1 by range

Operation

Range	
Operation	
1.Clerk Control	
2.Menu Shift/2nd@	
3.Mode Control	
4.Allowed function 1	
5.Allowed function 2	
6.Allowed function 3	
7.Allowed function 4	
8.Allowed function 5	
0 . 00	

5. Select "4. Allowed function 1" and press the <YES> key.

Allowed function 1	
Cash	YES
Charge	YES
Check	YES
Credit	YES
New Balance	YES
Price Inquiry	YES
Stock Inquiry	YES
Character Recall	YES
Character Print	YES
Check Print	YES
Clerk Transfer	YES
0 . 00	

Allowed function 1	
Table Transfer	YES
Tip	YES
Normal Receipt	YES
Loan	YES
Received on Account	YES
Paid out	YES
Pick up	YES
Coupon	YES
Deposit	YES
Minus	YES
% Minus	YES
0 . 00	

Allowed function 1	
Received on Account	YES
Paid out	YES
Pick up	YES
Coupon	YES
Deposit	YES
Minus	YES
% Minus	YES
Plus	YES
% Plus	YES
Refund	YES
Coupon2	YES
0 . 00	

6. Select an appropriate record and press the <YES> / <NO> key.

7. After programming, press the <ESC> key to proceed to the next step.

Allowed function 1	
Enter Start range	0
End range	0
OK?	YES
0 . 00	

Allowed function 1	
Enter Start range	1
End range	99
OK?	YES
0 . 00	

8. Enter the start range No. and press the <YES> key.

(It starts "0001" if you skip to enter the start range.)

Then enter the end range No. and press the <YES> key.

(It ends the last record if you skip to enter the end range.)

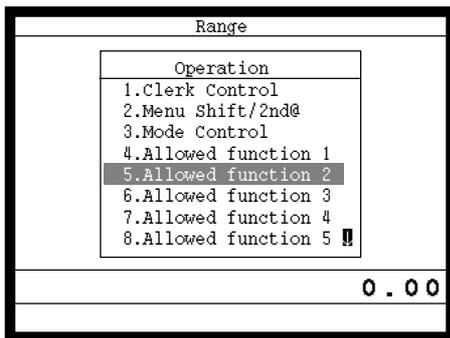
9. Press the <YES> key.

10. Press the <ESC> key to return to the previous menu.

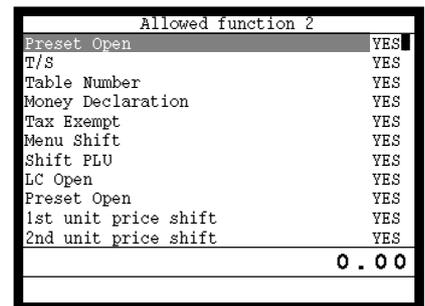
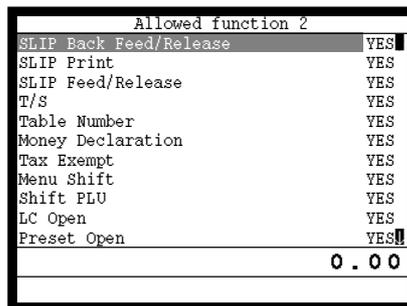
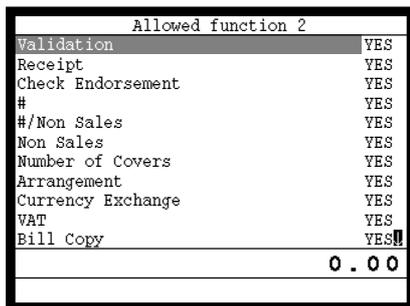
Program 3

4-2-5-5 Programming function control 2 by range

Operation

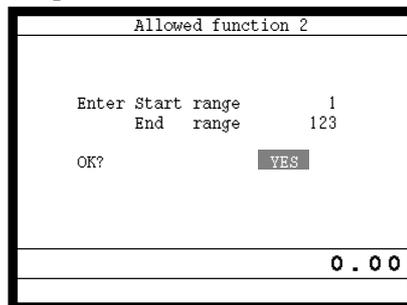
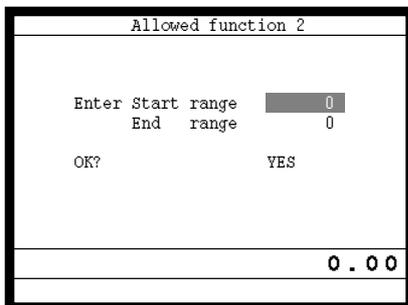


5. Select "5. Allowed function 2" and press the <YES> key.



6. Select an appropriate record and press the <YES> / <NO> key.

7. After programming, press the <ESC> key to proceed to the next step.



8. Enter the start range No. and press the <YES> key.
(It starts "0001" if you skip to enter the start range.)
Then enter the end range No. and press the <YES> key.
(It ends the last record if you skip to enter the end range.)
9. Press the <YES> key.
10. Press the <ESC> key to return to the previous menu.

4-2-5-6 Programming function control 3 by range

Operation

Range	
Operation	
1.Clerk Control	
2.Menu Shift/2nd@	
3.Mode Control	
4.Allowed function 1	
5.Allowed function 2	
6.Allowed function 3	
7.Allowed function 4	
8.Allowed function 5	!!
0.00	

5. Select "6. Allowed function 3" and press the <YES> key.

Allowed function 3	
Operator X/Z	YES
Tray Total	YES
Subtotal	YES
Receipt On/Off	YES
TAST	YES
Operator Number	YES
MDST	YES
X	YES
X/For	YES
X/XX	YES
X/XXX	YES!!
0.00	

Allowed function 3	
X	YES
X/For	YES
X/XX	YES
X/XXX	YES
Ketten Bon	YES
Selective Item ST	YES
New Check	YES
Old Check	YES
New/Old Check	YES
Add Check	YES
Separate Check	YES
0.00	

6. Select an appropriate record and press the <YES> / <NO> key.

7. After programming, press the <ESC> key to proceed to the next step.

Allowed function 3	
Enter Start range	0
End range	0
OK?	YES
0.00	

Allowed function 3	
Enter Start range	1
End range	123
OK?	YES
0.00	

8. Enter the start range No. and press the <YES> key.

(It starts "0001" if you skip to enter the start range.)

Then enter the end range No. and press the <YES> key.

(It ends the last record if you skip to enter the end range.)

9. Press the <YES> key.

10. Press the <ESC> key to return to the previous menu.

4-2-5-7 Programming function control 4 by range

Operation

Range	
Operation	
1.Clerk Control	
2.Menu Shift/2nd@	
3.Mode Control	
4.Allowed function 1	
5.Allowed function 2	
6.Allowed function 3	
7.Allowed function 4	
8.Allowed function 5	!!
0 . 0 0	

5. Select "7. Allowed function 4" and press the <YES> key.

Allowed function 4	
Substitution	YES
House Bon	YES
Operator Open Check	YES
Media Change	YES
Seat Number	YES
Display On/Off	YES
REG Mode	YES
X/Z Mode	YES
PGM Mode	YES
Post Entry	YES
Round Repeat	YES!!
0 . 0 0	

Allowed function 4	
Eat-in	YES
Take-out	YES
Store	YES
Recall	YES
Dutch Account	YES
Reverse Display	YES
E-Journal Display	YES
Home Position	YES
Display Mode Change	YES
All Void (Current only)	YES
All Void (Complete Void)	YES
0 . 0 0	

6. Select an appropriate record and press the <YES> / <NO> key.

7. After programming, press the <ESC> key to proceed to the next step.

Allowed function 4	
Enter Start range	0
End range	0
OK?	YES
0 . 0 0	

Allowed function 4	
Enter Start range	1
End range	123
OK?	YES
0 . 0 0	

8. Enter the start range No. and press the <YES> key.

(It starts "0001" if you skip to enter the start range.)

Then enter the end range No. and press the <YES> key.

(It ends the last record if you skip to enter the end range.)

9. Press the <YES> key.

10. Press the <ESC> key to return to the previous menu.

4-2-5-8 Programming function control 5 by range

Operation

Range	
Operation	
1.Clerk Control	
2.Menu Shift/2nd@	
3.Mode Control	
4.Allowed function 1	
5.Allowed function 2	
6.Allowed function 3	
7.Allowed function 4	
8.Allowed function 5	!!

0 . 0 0

5. Select "8. Allowed function 5" and press the <YES> key.

Allowed function 5	
Price	YES
PLU Number	YES
Sub Department Number	YES
Department Number	YES
List Number	YES
Touch PLU	YES
Touch Department	YES
Touch Sub Department	YES
Touch List	YES

0 . 0 0

6. Select an appropriate record and press the <YES> / <NO> key.

7. After programming, press the <ESC> key to proceed to the next step.

Allowed function 5	
Enter Start range	0
End range	0
OK?	YES

0 . 0 0

Allowed function 5	
Enter Start range	1
End range	123
OK?	YES

0 . 0 0

8. Enter the start range No. and press the <YES> key.
(It starts "0001" if you skip to enter the start range.)
Then enter the end range No. and press the <YES> key.
(It ends the last record if you skip to enter the end range.)
9. Press the <YES> key.
10. Press the <ESC> key to return to the previous menu.

4-2-5-9 Programming arrangement control by range

Operation

Range	
Operation	
5.Allowed function 2	
6.Allowed function 3	
7.Allowed function 4	
8.Allowed function 5	
9.Arrangement	
10.Report	
11.Commission Rate	
12.Table Range	

0.00

5. Select "9. Arrangement" and press the <YES> key.

Arrangement	
ARG GP(1) Operation	YES
ARG GP(2) Operation	YES
ARG GP(3) Operation	YES
ARG GP(4) Operation	YES
ARG GP(5) Operation	YES

0.00

6. Select an appropriate record and press the <YES> / <NO> key.

7. After programming, press the <ESC> key to proceed to the next step.

Arrangement	
Enter Start range	0
End range	0
OK?	YES

0.00

Arrangement	
Enter Start range	1
End range	123
OK?	YES

0.00

8. Enter the start range No. and press the <YES> key.

(It starts "0001" if you skip to enter the start range.)

Then enter the end range No. and press the <YES> key.

(It ends the last record if you skip to enter the end range.)

9. Press the <YES> key.

10. Press the <ESC> key to return to the previous menu.

4-2-5-10 Programming X/Z report control by range

Operation

Range	
Operation	
5. Allowed function 2	
6. Allowed function 3	
7. Allowed function 4	
8. Allowed function 5	
9. Arrangement	
10. Report	
11. Commission Rate	
12. Table Range	
0.00	

5. Select "10. Report" and press the <YES> key.

Report	
Daily X	YES
Daily Z	YES
Periodic(1) X	YES
Periodic(1) Z	YES
Periodic(2) X	YES
Periodic(2) Z	YES
Batch X/Z(1)	YES
Batch X/Z(2)	YES
Batch X/Z(3)	YES
Batch X/Z(4)	YES
Batch X/Z(5)	YES
0.00	

Report	
Batch X/Z(6)	YES
Batch X/Z(7)	YES
Batch X/Z(8)	YES
Batch X/Z(9)	YES
Batch X/Z(10)	YES
Operator X	YES
Operator Z	YES
Individual totalizer X/Z	YES
Individual X/Z (Key direct)	YES
Individual X/Z (Others)	YES
Employee X/Z	YES
0.00	

Report	
Batch X/Z(7)	YES
Batch X/Z(8)	YES
Batch X/Z(9)	YES
Batch X/Z(10)	YES
Operator X	YES
Operator Z	YES
Individual totalizer X/Z	YES
Individual X/Z (Key direct)	YES
Individual X/Z (Others)	YES
Employee X/Z	YES
Employee Edit	YES
0.00	

6. Select an appropriate record and press the <YES> / <NO> key.

7. After programming, press the <ESC> key to proceed to the next step.

Report	
Enter Start range	0
End range	0
OK?	YES
0.00	

Report	
Enter Start range	1
End range	123
OK?	YES
0.00	

8. Enter the start range No. and press the <YES> key.

(It starts "0001" if you skip to enter the start range.)

Then enter the end range No. and press the <YES> key.

(It ends the last record if you skip to enter the end range.)

9. Press the <YES> key.

10. Press the <ESC> key to return to the previous menu.

4-2-5-11 Programming commission rate by range

Operation

A terminal window titled "Range" containing a list of options. Option "11. Commission Rate" is highlighted with a grey background. At the bottom right, the value "0.00" is displayed.

Range	
Operation	
5. Allowed function 2	
6. Allowed function 3	
7. Allowed function 4	
8. Allowed function 5	
9. Arrangement	
10. Report	
11. Commission Rate	
12. Table Range	

0.00

5. Select "11. Commission Rate" and press the <YES> key.

A terminal window titled "Commission Rate" showing two records. The first record, "Commission Rate(1)", has a value of "0.00". The second record, "Commission Rate(2)", also has a value of "0.00". At the bottom right, the value "0.00" is displayed.

Commission Rate	
Commission Rate(1)	0.00
Commission Rate(2)	0.00

0.00

6. Select an appropriate record, enter the rate and press the <YES> key.

7. After programming, press the <ESC> key to proceed to the next step.

A terminal window titled "Commission Rate" for entering range values. It prompts for "Enter Start range" (with "0" entered) and "End range" (with "0" entered). Below, it asks "OK?" with "YES" selected. At the bottom right, the value "0.00" is displayed.

Commission Rate	
Enter Start range	0
End range	0
OK?	YES

0.00

A terminal window titled "Commission Rate" for entering range values. It prompts for "Enter Start range" (with "1" entered) and "End range" (with "123" entered). Below, it asks "OK?" with "YES" selected. At the bottom right, the value "0.00" is displayed.

Commission Rate	
Enter Start range	1
End range	123
OK?	YES

0.00

8. Enter the start range No. and press the <YES> key.
(It starts "0001" if you skip to enter the start range.)
Then enter the end range No. and press the <YES> key.
(It ends the last record if you skip to enter the end range.)
9. Press the <YES> key.
10. Press the <ESC> key to return to the previous menu.

4-2-5-12 Programming table range by range

Operation

Range

Operation	
5.	Allowed function 2
6.	Allowed function 3
7.	Allowed function 4
8.	Allowed function 5
9.	Arrangement
10.	Report
11.	Commission Rate
12.	Table Range

0.00

5. Select “12. Table Range” and press the <YES> key.

Table Range

Start Table Range	0
End Table Range	0

0.00

6. Select an appropriate record, enter the range and press the <YES> key.

7. After programming, press the <ESC> key to proceed to the next step.

Table Range

Enter Start range	0
End range	0
OK?	YES

0.00

Table Range

Enter Start range	1
End range	99
OK?	YES

0.00

8. Enter the start range No. and press the <YES> key.

(It starts “0001” if you skip to enter the start range.)

Then enter the end range No. and press the <YES> key.

(It ends the last record if you skip to enter the end range.)

9. Press the <YES> key.

10. Press the <ESC> key to return to the previous menu.

Program 3

4-2-6 Programming clerk detail

Operation

```
Clerk
-----
Clerk
1.Clerk Feature
2.Operation
3.Commission Rate
4.Table Range
5.Range
6.Clerk Detail
7.Clerk Key ID
-----
0.00
```

4. Select "6. Clerk Detail" and press the <YES> key.

Addition/Modification

```
Clerk Detail
-----
0001-030 0001-001 GROSS
0002-030 0002-001 NET
0003-030 0003-001 CAID
0004-030 0001-006 GROUP01
0005-030 0005-006 PLU0001
0006-030 0001-002 CASH
0007-030
0008-030
0009-030
0010-030
-----
0.00
```

7. Select a record you want to add an item or modify the item and press the <YES> key.

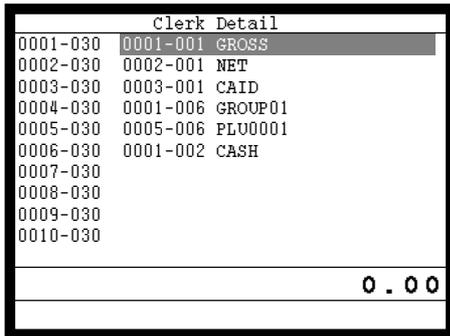
```
Clerk Detail
-----
Item
1.Fixed Totalizer
2.Free Function
3.PLU
4.Sub-Department
5.Department
6.Group
7.Void Table
-----
0.00
```

8. Select a file which you want to program.

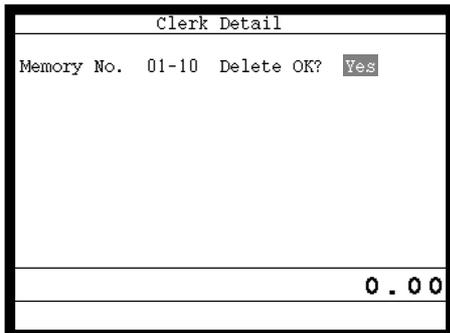
```
Clerk Detail
-----
Fixed Totalizer
1.GROSS
2.NET
3.CAID
4.CATL
5.CA-
6.CA+
7.CHID
8.CHTL
-----
0.00
```

9. Select a record which you want to program.
10. Repeat step 7 to 9, until completing this pulldown group item program.
11. Press <ESC> key to terminate the program and return to the previous menu.

Deletion



6. Select the first record you want to delete and press the <NO> key.

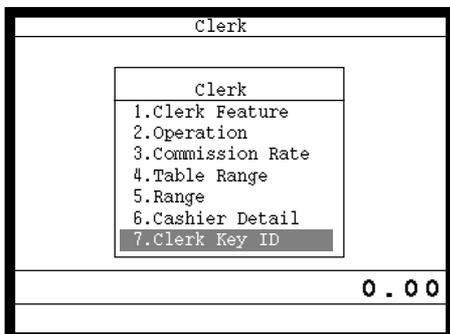


7. Press the <YES> key.

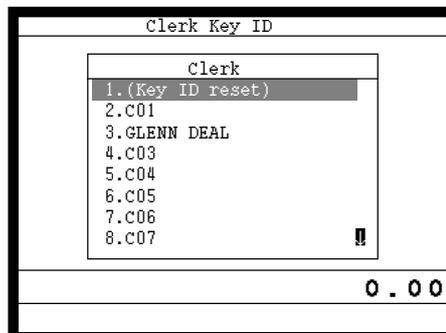
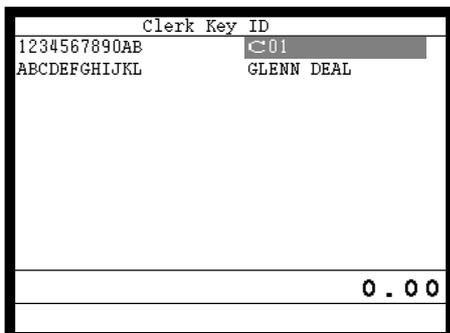
8. Press the <ESC> key to return to the previous menu.

4-2-7 Programming clerk key ID

Operation



4. Select “7. Clerk Key ID” and press the <YES> key.



5. Touch the Dallas key with the receiver, and press the <YES> key.

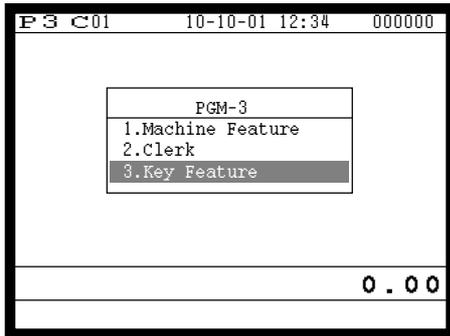
6. Select the appropriate clerk.

7. Repeat step 5 to 6, until completing this procedure.

8. Press <ESC> key to terminate the program and return to the previous menu.

4-3. Programming key features

Preparation:

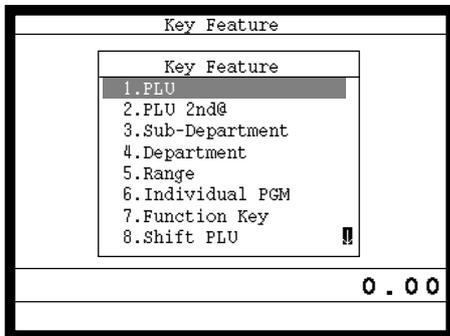


1. Sign on a clerk (if necessary).
2. Press <PGM MODE> repeatedly or “3” <PGM MODE> to assign Program 3 mode.

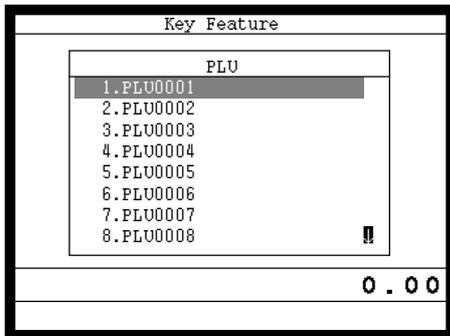
3. Select “3. Key Feature” and press the <YES> key.

4-3-1 Programming PLU features

Operation



4. Select “1.PLU” and press the <YES> key.



5. Select an appropriate item directly, by entering record No. or by entering PLU No. and press the <YES> key. In this step, you can use “Character search” to select the item. (Refer to page 33 of this manual.)

Memory No.	1
Random Code	123456
Descriptor	PLU0001
Price	0.00
Receipt type	Normal Item
Item type	Normal Item
Group Link	-----
Dept Link	-----
Sub-Dept Link	-----
Taxable status	Non Tax
Commission	None
Selective Item	None
	0.00

Record No.	1
Order color	Black
Order Print #1	NO
Order Print #2	NO
Order Print #3	NO
Order Print #4	NO
Order Print #5	NO
Order Print #6	NO
Order Print #7	NO
Order char Link	-----
Number of Bon	0
Unit stock	0.000
	0.00

Memory No.	1
Minimum Stock	0.000
Set Menu Table	0
List Link #1	-----
List Link #2	-----
List Link #3	-----
List Link #4	-----
Open PLU	NO
Zero Unit Price	NO
Negative Price	NO
Hash Item	NO
Full Hash Item	NO
	0.00

Memory No.	1
List Link #4	-----
Open PLU	NO
Zero Unit Price	NO
Negative Price	NO
Hash Item	NO
Full Hash Item	NO
High Amount Limit	0.00
Low Digit Limit	0
Multiple VLD	N Repeat
Use main Item Amt Only	NO
Use Premium Item of Set	NO
	0.00

6. Select an appropriate row and press the <YES> / <NO> key or enter the numeric value and press the <YES> key.
7. Press the <ESC> key to return to the previous menu.

Field meaning

1. Receipt type:
You can choose “Normal Item” or “Single Item.”
2. Item type:
You can choose “Normal Item”, “Condiment” or “Preparation.”
3. Order color:
You can choose “Black” or “Red”. (for UP-350, “Black” means “Normal” and “Red” “Reverse”.)
4. Order Print #1 ~ #7:
These numbers are defined in the printer connection table
5. Random code: 000001 - 999999, Descriptor: 0-24 character, Number of Bon: 1 - 9, Minimum stock: 0.001 - 99.999, Unit stock: 0.001 - 99.999, High amount limit: 0 - 999999, Low digit limit: 0, 1 - 7, (8, 9: prohibit entry)
6. Taxable status: (The options are dependent on tax system.)
SINGLE TAX/VAT:
1. Non Tax, 2. T/S1, 3. T/S2, 4. T/S3, 5. T/S4, 6. T/S5, 7. T/S6, 8. T/S7, 9. T/S8, 10. T/S9, 11. T/S10
U.S. or Singapore:
1. Non Tax, 2. T/S1, 3. T/S2, 4. T/S3, 5. T/S1 & 2, 6. T/S1 & 3, 7. T/S2 & 3, 8. T/S1, 2 & 3, 9. Non Tax & F/S, 10. T/S1 & F/S, 11. T/S2 & F/S, 12. T/S3 & F/S, 13. T/S1 & 2 & F/S, 14. T/S1 & 3 & F/S, 15. T/S2 & 3 & F/S, 16. T/S1, 2 & 3 & F/S
Canada:
1. Non Tax, 2. T/S1, 3. T/S2, 4. T/S3, 5. T/S4, 6. T/S1 & 2, 7. T/S1 & 3, 8. T/S1 & 4, 9. Non Tax & Baked Stuff (Donuts tax), 10. T/S1 & Baked Stuff, 11. T/S2 & Baked Stuff, 12. T/S3 & Baked Stuff, 13. T/S4 & Baked Stuff, 14. T/S1, 2 & Baked Stuff, 15. T/S1, 3 & Baked Stuff, 16. T/S1, 4 & Baked Stuff

Note:

- If you want to delete the program in the group link, dept link, sub-dept link, list link, order character link field, enter “0” and press the <YES> key.
- If you designate PLU by random code instead of memory number, set “Use random code” in the machine control 2 of general features in PGM 3. (refer to page 40.)

4-3-2 Programming PLU 2nd@ features

Operation

Key Feature	
Key Feature	
1. PLU	
2. PLU 2nd@	
3. Sub-Department	
4. Department	
5. Range	
6. Individual PGM	
7. Function Key	
8. Shift PLU	!!
0 . 0 0	

4. Select "2. PLU 2nd@" and press the <YES> key.

Key Feature	
PLU 2nd@	
1. PLU0001	
2. PLU0002	
3. PLU0003	
4. PLU0004	
5. PLU0005	
6. PLU0006	
7. PLU0007	
8. PLU0008	!!
0 . 0 0	

5. Select an appropriate item directly, by entering record No. or by entering PLU No. and press the <YES> key. In this step, you can use "Character search" to select the item. (Refer to page 33 of this manual.)

Memory No.	1	Random Code	0
Descriptor	PLU0001		
Qty			0.00
Price			0.00
Group Link		-----	
Dept Link		-----	
Sub-Dept Link		-----	
Taxable status			Non Tax
Unit Stock			0.000
Zero Unit Price			NO
0 . 0 0			

6. Select an appropriate row and press the <YES> / <NO> key or enter the numeric value and press the <YES> key.
7. Press the <ESC> key to return to the previous menu.

Field meaning

- Qty: 0.00 - 9999.99, Descriptor: 0 - 24 character, Price: 0 - 999999, Unit stock: 0.001 - 99.999
- Tax Status: Refer to 4-3-1. PLU features

4-3-3 Programming subdepartment features

Operation

Key Feature	
1. PLU	
2. PLU 2nd@	
3. Sub-Department	
4. Department	
5. Range	
6. Individual PGM	
7. Function Key	
8. Shift PLU	

0 . 0 0

4. Select "3. Sub-Department" and press the <YES> key.

Sub-Department	
1. SUBDEPT01	
2. SUBDEPT02	
3. SUBDEPT03	
4. SUBDEPT04	

0 . 0 0

5. Select an appropriate item directly or by entering record No. and press the <YES> key.

Memory No.	1	
Descriptor	SUBDEPT01	
Price		0.00
Receipt Type	Normal Item	
Group Link	-----	
Dept Link	-----	
Taxable status	Non Tax	
Commission	None	
Selective item	None	
Order color	Black	
Order Print #1	NO	
Order Print #2	NO	

0 . 0 0

Memory No.	1	
Order Print #3		NO
Order Print #4		NO
Order Print #5		NO
Order Print #6		NO
Order Print #7		NO
Order Char Link	-----	
Number of Bon		0
List Link #1	-----	
List Link #2	-----	
List Link #3	-----	
List Link #4	-----	

0 . 0 0

Memory No.	1	
List Link #1	-----	
List Link #2	-----	
List Link #3	-----	
List Link #4	-----	
Zero Unit Price		NO
Negative Price		NO
Hash Item		NO
Full Hash Item		NO
High Amount Limit		0.00
Low Digit Limit		0
Multiple VLD	N Repeat	

0 . 0 0

6. Select an appropriate row and press the <YES> / <NO> key or enter the numeric value and press the <YES> key.

7. Press the <ESC> key to return to the previous menu.

Field meaning

1. Descriptor: 0 - 16 character, Price: 0 - 999999, Number of Bon: 1 - 9, High amount limit: 0 - 999999, Low digit limit: 0, 1 - 7, (8, 9; prohibit entry)
2. Refer to 4-3-1. PLU features for other field meanings.

Program 3

4-3-4 Programming department features

Operation

Key Feature	
Key Feature	
1.PLU	
2.PLU 2nd@	
3.Sub-Department	
4.Department	
5.Range	
6.Individual PGM	
7.Function Key	
8.Shift PLU	!!
0.00	

4. Select "4. Department" and press the <YES> key.

Key Feature	
Department	
1.DEPT01	
2.DEPT02	
3.DEPT03	
4.DEPT04	
0.00	

5. Select an appropriate item directly or by entering record No. and press the <YES> key.

Memory No.	1	
Descriptor	DEPT01	
Price	0.00	
Receipt Type	Normal Item	
Group Link	-----	
Taxable status	Non Tax	
Commission	None	
Selective item	None	
Order color	Black	
Order Print #1	NO	
Order Print #2	NO	
Order Print #3	NO!!	
0.00		

Memory No.	1	
Order Print #4	NO	
Order Print #5	NO	
Order Print #6	NO	
Order Print #7	NO	
Order Char Link	-----	
Number of Bon	0	
List Link #1	-----	
List Link #2	-----	
List Link #3	-----	
List Link #4	-----	
Zero Unit Price	NO!!	
0.00		

Memory No.	1	
List Link #1	-----	
List Link #2	-----	
List Link #3	-----	
List Link #4	-----	
Zero Unit Price	NO	
Negative Price	NO	
Hash Item	NO	
Full Hash Item	NO	
High Amount Limit	0.00	
Low Digit Limit	0	
Multiple VLD	N Repeat	
0.00		

6. Select an appropriate record and press the <YES> / <NO> key or enter the numeric value and press the <YES> key.

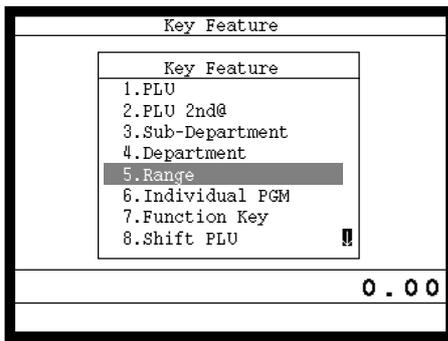
7. Press the <ESC> key to return to the previous menu.

Field meaning

1. Descriptor: 0 - 16 character, Price: 0 - 999999, Number of Bon: 1 - 9, High amount limit: 0 - 999999, Low digit limit: 0, 1 - 7, (8, 9; prohibit entry)
2. Refer to 4-3-1. PLU features for other field meanings.

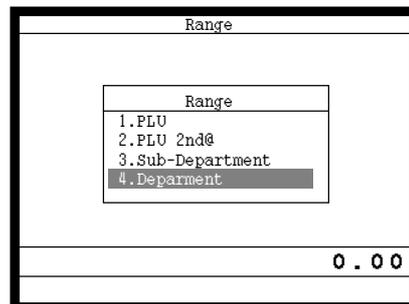
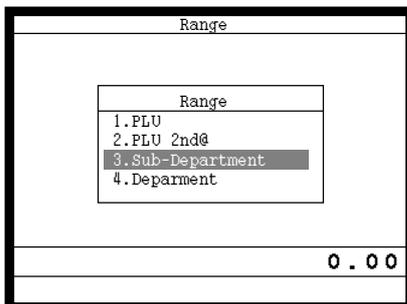
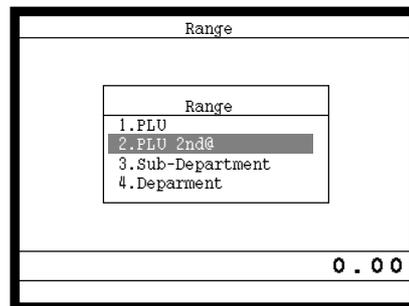
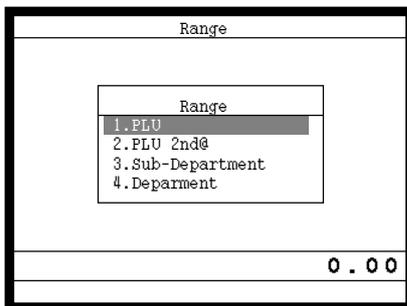
4-3-5 Programming by range

Operation



4. Select “5. Range” and press the <YES> key.

Select the subject you want to program



5. Select
“1. PLU/2. PLU 2nd@/3. Sub-Department/4. Department”
and press the <YES> key.

Program 3

4-3-5-1 General procedure of PLU, PLU 2nd@, subdepartment, department by range

```
PLU
-----
Range
1.Receipt type
2.Item Type
3.Group Link
4.Dept Link
5.Sub-Dept Link
6.Taxable status
7.Commission
8.Selective Item
-----
0.00
```

6. Select an appropriate job (refer to the next page) and press the <YES> key.

```
Receipt Type
-----
Receipt Type      Normal Item
Enter Start range  0
  End range       0
OK?              YES
-----
0.00
```

7. Select an appropriate type and press the <YES> key.

```
Receipt Type
-----
Receipt Type      Normal Item
Enter Start range  1
  End range       0
OK?              YES
-----
0.00
```

8. Enter the start range No. and press the <YES> key.
(It starts "0001" if you skip to enter the start range.)
Then enter the end range No. and press the <YES> key.
(It ends the last record if you skip to enter the end range.)

```
Receipt Type
-----
Receipt Type      Normal Item
Enter Start range  1
  End range       50
OK?              YES
-----
0.00
```

9. Press the <YES> key.
10. Press the <ESC> key to return to the previous menu.

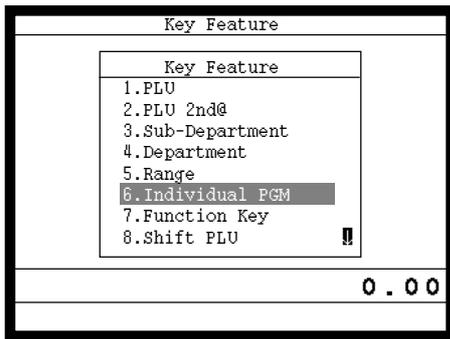
4-3-5-2 Programming hierarchy of programming title

PLU	PLU 2nd@	Sub-Dept	Dept
1. Receipt Type		1. Receipt Type	1. Receipt Type
2. Item Type			
3. Group Link	1. Group Link	2. Group Link	2. Group Link
4. Dept Link	2. Dept Link	3. Dept Link	
5. Sub-Dept Link	3. Sub-Dept Link		
6. Taxable status	4. Taxable status	4. Taxable status	3. Taxable status
7. Commission		5. Commission	4. Commission
8. Selective Item		6. Selective Item	5. Selective Item
9. Order color		7. Order color	6. Order color
10. Order Print #1		8. Order Print #1	7. Order Print #1
11. Order Print #2		9. Order Print #2	8. Order Print #2
12. Order Print #3		10. Order Print #3	9. Order Print #3
13. Order Print #4		11. Order Print #4	10. Order Print #4
14. Order Print #5		12. Order Print #5	11. Order Print #5
15. Order Print #6		13. Order Print #6	12. Order Print #6
16. Order Print #7		14. Order Print #7	13. Order Print #7
17. Order Char Link		15. Order Char Link	14. Order Char Link
18. Number of Bon		16. Number of Bon	15. Number of Bon
19. Unit Stock	5. Unit Stock		
20. Minimum Stock			
21. Set Menu Table			
22. List Link #1		17. List Link #1	16. List Link #1
23. List Link #2		18. List Link #2	17. List Link #2
24. List Link #3		19. List Link #3	18. List Link #3
25. List Link #4		20. List Link #4	19. List Link #4
26. Open PLU			
27. Zero Unit Price	6. Zero Unit Price	21. Zero Unit Price	20. Zero Unit Price
28. Negative Price		22. Negative Price	21. Negative Price
29. Hash Item		23. Hash Item	22. Hash Item
30. Full Hash Item		24. Full Hash Item	23. Full Hash Item
31. High Amount Limit		25. High Amount Limit	24. High Amount Limit
32. Low Digit Limit		26. Low Digit Limit	25. Low Digit Limit
33. Multiple VLD		27. Multiple VLD	26. Multiple VLD
34. Use main Item Amt Only			
35. Use Premium Item of Set			

Program 3

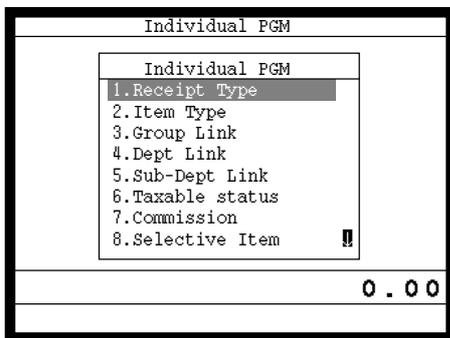
4-3-6 Programming individual program

Operation



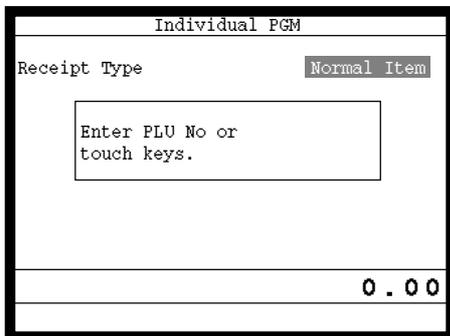
4. Select "6. Individual PGM" and press the <YES> key.

Select the job you want to program

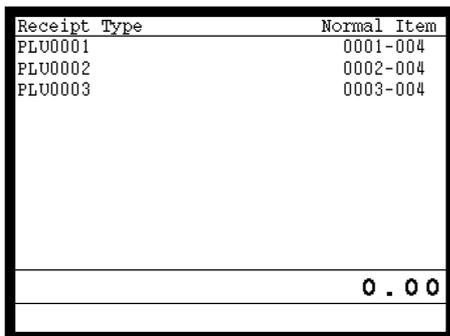


5. Select jobs listed below.

- | | |
|--------------------------|------------------------------------|
| 1. Receipt Type | 19. Unit Stock: 0.001 - 99.9999 |
| 2. Item Type | 20. Minimum Stock: 0.001 - 99.9999 |
| 3. Group Link | 21. Set Menu Table |
| 4. Dept Link | 22. List Link #1 |
| 5. Sub-Dept Link | 23. List Link #2 |
| 6. Taxable status | 24. List Link #3 |
| 7. Commission | 25. List Link #4 |
| 8. Selective Item | 26. Open PLU |
| 9. Order color | 27. Zero Unit Price |
| 10. Order Print #1 | 28. Negative Price |
| 11. Order Print #2 | 29. Hash Item |
| 12. Order Print #3 | 30. Full Hash Item |
| 13. Order Print #4 | 31. High Amount Limit: 0 - 999999 |
| 14. Order Print #5 | 32. Low Digit Limit: 0, 1 - 7 |
| 15. Order Print #6 | 33. Multiple VLD |
| 16. Order Print #7 | 34. Use main Item Amt Only |
| 17. Order Char Link | 35. Use Premium Item |
| 18. Number of Bon: 0 - 9 | |
- and press the <YES> key.



6. Select an appropriate job and press the <YES> / <NO> key or enter the numeric value in above list and press the <YES> key.



7. Enter PLU Nos. or press keys you want to program.
8. Press the <ESC> key to return to the previous menu.

4-3-7 Programming key function program

Operation

Key Feature	
Key Feature	
1. PLU	
2. PLU 2nd@	
3. Sub-Department	
4. Department	
5. Range	
6. Individual PGM	
7. Function Key	
8. Shift PLU	!!

0 . 0 0

4. Select “7. Function Key” and press the <YES> key.

Function Key	
Descriptor	CASH
Restriction on last digit 0/5	NO
Number of validation	0
Force validation	NO
Print barcode on receipt UP350	NO
Danish rounding	NO
Force slip batch printing	NO
Prohibit partial payment	NO
Prohibit amount tender	NO
Force amount tender	NO
Print VAT breakdown	NO!!

0 . 0 0

5. Press the appropriate function key you want to program.
6. Select an appropriate row and press the <YES> / <NO> key or enter the numeric value and press the <YES> key.
7. Press the <ESC> key to show the key entire program.
8. Press the <ESC> key again to return the previous menu.

Field meaning

Refer to the worksheet of the function keys described on the next pages.

NOTE:

1. Press an appropriate function key without number entry on the keyboard, it shows current setting.
2. You can also program a function key by entering parameters described on the next pages and press the appropriate key.

Program 3

4-3-7-1 Worksheet for cash, charge, credit and check

Description		Choice	Program code
Restriction (to 0, 5) on last digit for amount tendered.		No = 0 Yes = 1	<input type="checkbox"/> D ₁₂
Allowable number of validation printing ("0" means no limitation) *1 *2 *3 *4		Significant number (0 ~9)	<input type="checkbox"/> D ₁₁
Force validation operation. *1 *2 *3 *4	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D ₁₀
Print check number barcode on receipt.	b	No = 0 Yes = 2	
Restriction (to 00, 25, 50, 75) on last two digits for amount tendered (Only for <CASH> in Danish rounding).	c	No = 0 Yes = 4	
Always "0"			<input type="checkbox"/> D ₉
Force batch slip printing. *1 *2 *4	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D ₈
Force check endorsement printing (Only for <CHECK>). *3 *4	b	No = 0 Yes = 2	
Force check printing (Only for <CHECK>). *3 *4	c	No = 0 Yes = 4	
Prohibit entry of a partial payment.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D ₇
Prohibit the entry of the amount tendered.	b	No = 0 Yes = 2	
Force entry of the amount tendered.	c	No = 0 Yes = 4	
Print VAT breakdown. *1 *2 *4	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D ₆
Check cashing commission (Only for <CHECK>) *3 ① Use an amount ② Use a rate	b	Amount = 0 Rate = 2	
Validation amount *3 *4 ① Print subtotal amount ② Print amount tendered	c	Subtotal = 0 Tender = 4	
No change due is made in tendering operation.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D ₅
Issue receipt while check tracking/clerk interrupt.	b	Yes = 0 No = 2	
Finnish rounding	c	No = 0 Yes = 4	
High amount limit specification for subtotal and tendering amounts. *3 *4		Maximum value (0 ~ 9)	<input type="checkbox"/> <input type="checkbox"/> D ₄ D ₃
		Number of zeros (0 ~ 9)	
High amount limit specification for change amount due. *4		Maximum value (0 ~ 9)	<input type="checkbox"/> <input type="checkbox"/> D ₂ D ₁
		Number of zeros (0 ~ 9)	

*1 Those are valid options for AUTO CASH as well.

*2 Those are valid options for Single item as well.

*3 Those are valid options for Cashing a check as well.

*4 Those are valid options for Currency exchange (include partial tender) as well.

4-3-7-2 Worksheet for new balance

Description		Choice	Program code
Allowable number of validation printing (“0” means no limitation)		Significant number (0 ~9)	<input type="text"/> D ₁₁
Force validation operation.	a	No = 0 Yes = 1	<input type="text"/> (a+b) D ₁₀
Print check number barcode on receipt.	b	No = 0 Yes = 2	
Always “0”			<input type="text"/> D ₉
Force batch slip printing.	a	No = 0 Yes = 1	<input type="text"/> (a+b) D ₈
Open drawer when the key is pressed.	b	No = 0 Yes = 2	
Always “0”			<input type="text"/> D ₇
Print VAT breakdown.	a	No = 0 Yes = 1	<input type="text"/> (a+b) D ₆
Service charge ① Use an amount ② Use a rate	b	Amount = 0 Rate = 2	
Issue receipt while check tracking/clerk interrupt.		Yes = 0 No = 2	<input type="text"/> D ₅
Always “0000”			<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> D ₄ D ₃ D ₂ D ₁

4-3-7-2-2 Worksheet for food stamp tender, EBT tender

Description		Choice	Program code
Allowable number of validation printing (“0” means no limitation)		Significant number (0 ~9)	<input type="text"/> D ₁₁
Force validation operation.		No = 0 Yes = 1	<input type="text"/> D ₁₀
Always “0”			<input type="text"/> D ₉
Force batch slip printing.	a	No = 0 Yes = 1	<input type="text"/> (a+b) D ₈
Prohibit over tender. (only for <EBT>)	b	No = 0 Yes = 4	
Always “0”			<input type="text"/> D ₇
Print VAT breakdown.	a	No = 0 Yes = 1	<input type="text"/> (a+b) D ₆
Validation amount ① Print FSST amount ② Print FS amount tendered	b	FSST = 0 FSTD = 4	
Always “0”			<input type="text"/> D ₅
High amount limit specification for subtotal and tendering amounts.	Maximum value (0 ~ 9)		<input type="text"/> <input type="text"/>
	Number of zeros (0 ~ 9)		D ₄ D ₃
Always “00”			<input type="text"/> <input type="text"/> D ₂ D ₁

Program 3

4-3-7-3 Worksheet for text print, text recall

Description		Choice	Program code
Start record number of displaying "TEXT RECALL WINDOW" ("0000" means "0001".)		Significant numbers	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₁₁ D ₁₀ D ₉ D ₈
Allow clerk change or mode change after pressing the key as the first transaction. (only for <TEXT RECALL>)		Yes = 0 No = 1	<input type="checkbox"/> D ₇
Print characters to sales receipt printer.		Yes = 0 No = 2	
Order character record No. (01 ~ 99) ("00" clears programming)		Significant number	<input type="checkbox"/> <input type="checkbox"/> D ₆ D ₅
Printing color (effective only for order)	a	Black = 0 Red = 1	<input type="checkbox"/> (a+b+c) D ₄
Display/print with quantity.	b	No = 0 Yes = 2	
Staydown "TEXT RECALL WINDOW" (effective only for "text recall" key)	c	No = 0 Yes = 4	
Print characters to order printer 1.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D ₃
Print characters to order printer 2.	b	No = 0 Yes = 2	
Print characters to order printer 3.	c	No = 0 Yes = 4	
Print characters to order printer 4.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D ₂
Print characters to order printer 5.	b	No = 0 Yes = 2	
Print characters to order printer 6.	c	No = 0 Yes = 4	
Print characters to order printer 7.		No = 0 Yes = 1	<input type="checkbox"/> D ₁

4-3-7-4 Worksheet for check print

Description	Choice	Program code
Number of auto back feed lines before printing (0 ~ 9)	Significant number	<input type="checkbox"/> D ₇
Always "000000"		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₆ D ₅ D ₄ D ₃ D ₂ D ₁

4-3-7-5 Worksheet for clerk transfer

Description	Choice	Program code												
Clerk number ① Memory number ② Clerk secret number	① = 0 ② = 1	<input type="checkbox"/> D ₇												
Always "000000"		<table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td> </tr> <tr> <td>D₆</td><td>D₅</td><td>D₄</td><td>D₃</td><td>D₂</td><td>D₁</td> </tr> </table>	0	0	0	0	0	0	D ₆	D ₅	D ₄	D ₃	D ₂	D ₁
0	0	0	0	0	0									
D ₆	D ₅	D ₄	D ₃	D ₂	D ₁									

4-3-7-6 Worksheet for table transfer

Description	Choice	Program code								
Transfer time and clerk while ST transfer.	a No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D ₈								
Transfer detail registration while ST transfer.	b No = 0 Yes = 2									
Print transfer amount while ST transfer.	c Yes = 0 No = 4									
Allow to add checks while table transfer.	a No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D ₇								
Transfer the customer number.	b Yes = 0 No = 2									
Transfer only total amounts. (ST transfer)	c No = 0 Yes = 4									
Auto check transfer	a No = 0 Yes = 1	<input type="checkbox"/> (a+b) D ₆								
Receipt is issued, even if the receipt switch is off.	b No = 0 Yes = 2									
Print receipt.	Yes = 0 No = 2	<input type="checkbox"/> D ₅								
Always "0000"		<table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td>0</td><td>0</td><td>0</td><td>0</td> </tr> <tr> <td>D₄</td><td>D₃</td><td>D₂</td><td>D₁</td> </tr> </table>	0	0	0	0	D ₄	D ₃	D ₂	D ₁
0	0	0	0							
D ₄	D ₃	D ₂	D ₁							

4-3-7-7 Worksheet for tip

Description	Choice	Program code								
Multiple validation If "No", only one validation printing is possible.)	Yes = 0 No = 4	<input type="checkbox"/> D ₁₁								
Always "0000"		<table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td>0</td><td>0</td><td>0</td><td>0</td> </tr> <tr> <td>D₁₀</td><td>D₉</td><td>D₈</td><td>D₇</td> </tr> </table>	0	0	0	0	D ₁₀	D ₉	D ₈	D ₇
0	0	0	0							
D ₁₀	D ₉	D ₈	D ₇							
Always "000"		<table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td>0</td><td>0</td><td>0</td> </tr> <tr> <td>D₆</td><td>D₅</td><td>D₄</td> </tr> </table>	0	0	0	D ₆	D ₅	D ₄		
0	0	0								
D ₆	D ₅	D ₄								
High digit limitation (HDL) for manually entered unit price ("9" means NOT allow manual entry)	Significant number	<input type="checkbox"/> D ₃								
Always "00"		<table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td>0</td><td>0</td> </tr> <tr> <td>D₂</td><td>D₁</td> </tr> </table>	0	0	D ₂	D ₁				
0	0									
D ₂	D ₁									

Program 3

4-3-7-8 Worksheet for loan, pick up

Description	Choice	Program code
Allowable number of validation printing ("0" means no limitation)	Significant number (0 ~9)	<input type="text"/> D ₁₁
Force validation operation. (only effective after receipt issuance)	No = 0 Yes = 1	<input type="text"/> D ₁₀
Always "00000"		<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> D ₉ D ₈ D ₇ D ₆ D ₅
High amount limit specification for entering amounts	Maximum value (0 ~ 9)	<input type="text"/> <input type="text"/> D ₄ D ₃
	Number of zeros (0 ~ 9)	
Always "00"		<input type="text"/> <input type="text"/> D ₂ D ₁

4-3-7-9 Worksheet for received on account, paid out

Description	Choice	Program code
Allowable number of validation printing ("0" means no limitation)	Significant number (0 ~9)	<input type="text"/> D ₁₁
Force validation operation.	No = 0 Yes = 1	<input type="text"/> D ₁₀
Always "00000"		<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> D ₉ D ₈ D ₇ D ₆ D ₅
High amount limit specification for entering amounts	Maximum value (0 ~ 9)	<input type="text"/> <input type="text"/> D ₄ D ₃
	Number of zeros (0 ~ 9)	
Always "0"		<input type="text"/> D ₂
Enter numbers after registration.	No = 0 Yes = 1	<input type="text"/> D ₁

4-3-7-10 Worksheet for plus, minus, coupon

Description		Choice	Program code
Multiple validation (If "No", only one validation printing is possible.)		Yes = 0 No = 4	<input type="checkbox"/> D ₁₁
Always "0"			<input type="checkbox"/> D ₁₀
U.S., Singapore:			
Food stamp status		No = 0 Yes = 1	<input type="checkbox"/> D ₉
Taxable status 1	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D ₈
Taxable status 2	b	No = 0 Yes = 2	
Taxable status 3	c	No = 0 Yes = 4	
Canada:			
Donuts tax = 1, No Donuts tax = 0		Significant number	<input type="checkbox"/> D ₉
Taxable 1 = 1, Taxable 2 = 2, Taxable 3 = 3, Taxable 4 = 4 Taxable 1 & 2 = 5, Taxable 1 & 3 = 6, Taxable 1 & 4 = 7 Non taxable = 0		Significant number	<input type="checkbox"/> D ₈
Other area:			
Taxable status 01 ~ 10 ("00" means Non-tax)		Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D ₉ D ₈
Allow credit balance. (-, CPN only)		Yes = 1 No = 0	<input type="checkbox"/> D ₇
Always "00"			<input type="checkbox"/> <input type="checkbox"/> D ₆ D ₅
Allow key operation after <SUBTOTAL>.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b) D ₄
Allow key operation after item registration.	b	Yes = 0 No = 4	
High digit limitation (HDL) for manually entered unit price ("9" means NOT allow manual entry.)		Significant number	<input type="checkbox"/> D ₃
Commission 1	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b) D ₂
Commission 2	b	No = 0 Yes = 2	
Always "0"			<input type="checkbox"/> D ₁

Program 3

4-3-7-11 Worksheet for deposit+, deposit-

Description		Choice	Program code
Force validation operation.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b)
Multiple validation (If "No", only one validation is possible.)	b	Yes = 0 No = 4	D ₁₀
Always "00"			<input type="checkbox"/> <input type="checkbox"/> D ₉ D ₈
Key attribution		DEPO+ = 0 DEPO- = 1	<input type="checkbox"/> D ₇
Open cash drawer.		No = 0 Yes = 2	<input type="checkbox"/> D ₆
Media definition: CASH = 0, CHARGE = 1, CHECK = 2, CREDIT = 3		Significant number	<input type="checkbox"/> D ₅
High amount limit specification for entering amounts		Maximum value (0 ~ 9)	<input type="checkbox"/> <input type="checkbox"/>
		Number of zeros (0 ~ 9)	D ₄ D ₃
Always "00"			<input type="checkbox"/> <input type="checkbox"/> D ₂ D ₁

4-3-7-12 Worksheet for void

Description	Choice	Program code
Item delete (When "No" is selected, only a line can be deleted.)	No = 0 Yes = 1	<input type="checkbox"/> D ₂
Select void reason.	No = 0 Yes = 4	<input type="checkbox"/> D ₁

4-3-7-13 Worksheet for check endorsement

Description	Choice	Program code
Line number of auto-back feed before printing (0 ~ 9)	Significant number	<input type="checkbox"/> D ₇
Always "000000"		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₆ D ₅ D ₄ D ₃ D ₂ D ₁

4-3-7-14 Worksheet for discount, premium

Description		Choice	Program code
Multiple validation (If "No", only one validation printing is possible.)		Yes = 0 No = 4	<input type="checkbox"/> D ₁₁
Always "0"			<input type="checkbox"/> D ₁₀
U.S., Singapore: All taxable and food stampable = 99			
Food stamp status		No = 0 Yes = 1	<input type="checkbox"/> D ₉
Taxable status 1	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D ₈
Taxable status 2	b	No = 0 Yes = 2	
Taxable status 3	c	No = 0 Yes = 4	
Canada: All taxable (includes Donuts tax) = 99			
Donuts tax = 1, No Donuts tax = 0		Significant number	<input type="checkbox"/> D ₉
Taxable 1 = 1, Taxable 2 = 2, Taxable 3 = 3, Taxable 4 = 4 Taxable 1 & 2 = 5, Taxable 1 & 3 = 6, Taxable 1 & 4 = 7 Non taxable = 0		Significant number	<input type="checkbox"/> D ₈
Other area:			
Taxable status 01 ~ 10 ("00" means Non-tax, "99" means All taxable.)		Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D ₉ D ₈
Allow manual override.		Yes = 0 No = 2	<input type="checkbox"/> D ₇
Allow key operation after <SI/ST>.		Yes = 0 No = 1	<input type="checkbox"/> D ₆
Rounding: Round off = 0, cut off = 1, round up = 2		Significant number	<input type="checkbox"/> D ₅
Allow key operation after <SUBTOTAL>.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b) D ₄
Allow key operation after item registration.	b	Yes = 0 No = 4	
Always "0"			<input type="checkbox"/> D ₃
Commission 1	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b) D ₂
Commission 2	b	No = 0 Yes = 2	
Always "0"			<input type="checkbox"/> D ₁

Program 3

4-3-7-15 Worksheet for receipt

Description	Choice	Program code
Maximum number of post receipts (0 ~ 9) ("0" means 1 post receipt.)	Significant number	<input type="text"/> D ₁₂
Always "0000"		<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> D ₁₁ D ₁₀ D ₉ D ₈
Electronic journal is printed by the printer: ① Defined in printer connection table, ② Internal	a ① = 0 ② = 1	<input type="text"/> (a+b+c) D ₇
Form of guest receipts: ① Print out, ② Display	b ① = 0 ② = 2	
Print current time on guest receipt.	c No = 0 Yes = 4	
Clear finalized check.	a Yes = 0 No = 1	<input type="text"/> (a+b) D ₆
Issue post receipt after clerk interrupt/check tracking	b No = 0 Yes = 2	
Always "0"		<input type="text"/> D ₅
Prohibit receipt issuance after "EJ DISP".	No = 0 Yes = 2	<input type="text"/> D ₄
Issue guest receipt to order printer n (n = 1 ~ 7). ("0" means issuing to R/J.)	Significant number	<input type="text"/> D ₃
Line number of guest bottom message (00 ~ 10): ("00" means no bottom message.)	Significant number	<input type="text"/> <input type="text"/> D ₂ D ₁

4-3-7-16 Worksheet for non-add, non-add/NS

Description	Choice	Program code
Allow mode change or clerk change after non-add registration as first transaction. (only for non-add function)	No = 0 Yes = 1	<input type="text"/> D ₇
Order character record number (00 ~ 99): ("00" means no setting.)	Significant number	<input type="text"/> <input type="text"/> D ₆ D ₅
Order printing color	Black = 0 Red = 1	<input type="text"/> D ₄
Print out to Order printer#1.	a No = 0 Yes = 1	<input type="text"/> (a+b+c) D ₃
Print out to Order printer#2.	b No = 0 Yes = 2	
Print out to Order printer#3.	c No = 0 Yes = 4	
Print out to Order printer#4.	a No = 0 Yes = 1	<input type="text"/> (a+b+c) D ₂
Print out to Order printer#5.	b No = 0 Yes = 2	
Print out to Order printer#6.	c No = 0 Yes = 4	
Print out to Order printer#7.	No = 0 Yes = 1	

4-3-7-17 Worksheet for customer

Description	Choice	Program code												
Input method: Allow replacement = 0, Prohibit replacement = 1, Add entered value = 2	Significant number	<input type="checkbox"/> D ₇												
Always "000000"		<table border="1"> <tr> <td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td> </tr> <tr> <td>D₆</td><td>D₅</td><td>D₄</td><td>D₃</td><td>D₂</td><td>D₁</td> </tr> </table>	0	0	0	0	0	0	D ₆	D ₅	D ₄	D ₃	D ₂	D ₁
0	0	0	0	0	0									
D ₆	D ₅	D ₄	D ₃	D ₂	D ₁									

4-3-7-18 Worksheet for arrangement

Description	Choice	Program code
Enable operation in REG mode.	a Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₁₂
Enable operation in REF mode.	b Yes = 0 No = 2	
Enable operation in REG- mode.	c Yes = 0 No = 4	
Enable operation in PGM1 mode.	a Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₁₁
Enable operation in PGM2 mode.	b Yes = 0 No = 2	
Enable operation in PGM3 mode.	c Yes = 0 No = 4	
Enable operation in PGM4 mode.	a Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₁₀
Enable operation in PGM5 mode.	b Yes = 0 No = 2	
Enable operation in PGM6 mode.	c Yes = 0 No = 4	
Enable operation in Auto PGM to CF card mode	a Yes = 0 No = 2	<input type="checkbox"/> (a+b) D ₉
Enable operation in Auto PGM mode.	b Yes = 0 No = 4	
Enable operation in X/Z mode.	a Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₈
Enable operation in Manager mode.	b Yes = 0 No = 2	
Enable operation in Collection / Consolidation mode.	c Yes = 0 No = 4	
Arrangement file number	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₇ D ₆ D ₅
Arrangement table number	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₄ D ₃ D ₂ D ₁

Program 3

4-3-7-19 Worksheet for currency exchange

Description		Choice	Program code
Define amount symbol. (1 ~ 4)		Significant number	<input type="checkbox"/> D ₇
Define foreign currency totalizer. (1 ~ 3)		Significant number	<input type="checkbox"/> D ₆
Rounding: Round off = 0, cut off = 1, round up = 2		Significant number	<input type="checkbox"/> D ₅
Always "0"			<input type="checkbox"/> D ₄
Monetary mode (0 ~ 2): <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> = 2, <input type="checkbox"/> <input type="checkbox"/> = 1, <input type="checkbox"/> = 0		Significant number	<input type="checkbox"/> D ₃
Monetary symbol for decimal	a	Decimal = 0 Comma = 1	<input type="checkbox"/> (a+b) D ₂
Monetary symbol for separator	b	Comma = 0 Decimal = 4	
Assigning drawer number (0 ~ 2) ("0" means drawer 1.)		Significant number	<input type="checkbox"/> D ₁

4-3-7-20 Worksheet for slip

Description		Choice	Program code
Force slip batch printing from the beginning of the transaction. (If "No", controlled by general function.)	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b) D ₇
Print current time on slip. (This option works only at batch print with whole transaction.)	b	No = 0 Yes = 4	
Clear finalized check.		Yes = 0 No = 1	<input type="checkbox"/> D ₆
Always "0000"			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₅ D ₄ D ₃ D ₂
Print Euro total line.		Yes = 0 No = 1	<input type="checkbox"/> D ₁

4-3-7-21 Worksheet for T/S, TAST

Description		Choice	Program code
Taxable status (00, 01 ~ 10) ("00" means taxable 1.)		Significant number	<input type="checkbox"/> <input type="checkbox"/> D ₉ D ₈
Always "000"			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₇ D ₆ D ₅
Always "0000"			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₄ D ₃ D ₂ D ₁

4-3-7-22 Worksheet for open

Description	Choice	Program code												
Release high amount limit	No = 0 Yes = 1	<input type="checkbox"/> D ₇												
Always "000000"		<table border="1"> <tr> <td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td> </tr> <tr> <td>D₆</td><td>D₅</td><td>D₄</td><td>D₃</td><td>D₂</td><td>D₁</td> </tr> </table>	0	0	0	0	0	0	D ₆	D ₅	D ₄	D ₃	D ₂	D ₁
0	0	0	0	0	0									
D ₆	D ₅	D ₄	D ₃	D ₂	D ₁									

4-3-7-23 Worksheet for open 2

Description	Choice	Program code		
Release customer number compulsory.	a Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₇		
Release table number compulsory.	b Yes = 0 No = 2			
Release check number compulsory.	c Yes = 0 No = 4			
Release credit balance error. (If "Yes", you can finalize the transaction even if the subtotal is negative.)	a Yes = 0 No = 1	<input type="checkbox"/> (a+b) D ₆		
Release guest receipt compulsory.	b Yes = 0 No = 4			
Release validation compulsory.	a Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₅		
Release check endorsement compulsory.	b Yes = 0 No = 2			
Release check print compulsory.	c Yes = 0 No = 4			
Release slip auto batch print compulsory.	a Yes = 0 No = 2	<input type="checkbox"/> (a+b) D ₄		
Release slip manual batch print compulsory.	b Yes = 0 No = 4			
Release <LIST> stay down compulsory (Min / Max No.).	a Yes = 0 No = 1	<input type="checkbox"/> (a+b) D ₃		
Release seat number compulsory.	b Yes = 0 No = 4			
Release tip declaration compulsory.	a Yes = 0 No = 1	<input type="checkbox"/> (a+b) D ₂		
Release eat-in / takeout compulsory.	b Yes = 0 No = 2			
Always "0"		<table border="1"> <tr> <td>0</td> </tr> <tr> <td>D₁</td> </tr> </table>	0	D ₁
0				
D ₁				

Program 3

4-3-7-24 Worksheet for clerk number

Description	Choice	Program code								
Clerk secret number (0000 ~ 9999) ("0000" means no secret number.)	Significant numbers	<table border="1"> <tr> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text"/></td> </tr> <tr> <td>D₄</td> <td>D₃</td> <td>D₂</td> <td>D₁</td> </tr> </table>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	D ₄	D ₃	D ₂	D ₁
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>							
D ₄	D ₃	D ₂	D ₁							

4-3-7-25 Worksheet for operator X/Z

Description	Choice	Program code												
① Issue stand-alone report./② Issue consolidation report.	a ① = 0 ② = 1	<table border="1"> <tr> <td><input type="text"/></td> </tr> <tr> <td>(a+b)</td> </tr> <tr> <td>D₇</td> </tr> </table>	<input type="text"/>	(a+b)	D ₇									
<input type="text"/>														
(a+b)														
D ₇														
① Print report./② Display report.	b ① = 0 ② = 2													
Always "000000"		<table border="1"> <tr> <td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td> </tr> <tr> <td>D₆</td><td>D₅</td><td>D₄</td><td>D₃</td><td>D₂</td><td>D₁</td> </tr> </table>	0	0	0	0	0	0	D ₆	D ₅	D ₄	D ₃	D ₂	D ₁
0	0	0	0	0	0									
D ₆	D ₅	D ₄	D ₃	D ₂	D ₁									

4-3-7-26 Worksheet for subtotal, merchandise subtotal

Description	Choice	Program code								
Multiple validation (If "No", only one validation printing is possible.)	Yes = 0 No = 4	<table border="1"> <tr> <td><input type="text"/></td> </tr> <tr> <td>D₁₁</td> </tr> </table>	<input type="text"/>	D ₁₁						
<input type="text"/>										
D ₁₁										
Always "0000"		<table border="1"> <tr> <td>0</td><td>0</td><td>0</td><td>0</td> </tr> <tr> <td>D₁₀</td><td>D₉</td><td>D₈</td><td>D₇</td> </tr> </table>	0	0	0	0	D ₁₀	D ₉	D ₈	D ₇
0	0	0	0							
D ₁₀	D ₉	D ₈	D ₇							
Display subtotal in Euro (sub currency) (ST only)	a No = 0 Yes = 1	<table border="1"> <tr> <td><input type="text"/></td> </tr> <tr> <td>(a+b)</td> </tr> <tr> <td>D₆</td> </tr> </table>	<input type="text"/>	(a+b)	D ₆					
<input type="text"/>										
(a+b)										
D ₆										
Display subtotal in Euro (sub currency) and local (main) currency in turn. (ST Only)	b No = 0 Yes = 2									
Include add-on tax amount. (ST only)	a Yes = 0 No = 2	<table border="1"> <tr> <td><input type="text"/></td> </tr> <tr> <td>(a+b)</td> </tr> <tr> <td>D₅</td> </tr> </table>	<input type="text"/>	(a+b)	D ₅					
<input type="text"/>										
(a+b)										
D ₅										
Print when key is pressed.	b No = 0 Yes = 4									
Always "0000"		<table border="1"> <tr> <td>0</td><td>0</td><td>0</td><td>0</td> </tr> <tr> <td>D₄</td><td>D₃</td><td>D₂</td><td>D₁</td> </tr> </table>	0	0	0	0	D ₄	D ₃	D ₂	D ₁
0	0	0	0							
D ₄	D ₃	D ₂	D ₁							

4-3-7-27 Worksheet for cancel

Description	Choice	Program code
A range of cancellation: ① Complete cancellation, ② Current receipt only	a ② = 0 ① = 1	<input type="checkbox"/> (a+b) D ₁
Correct set menu/pulldown link while it is registered.	b No = 0 Yes = 2	

4-3-7-28 Worksheet for multiplication, quantity/for, square, cube, Ketten Bon

Description	Choice	Program code
Multiplication procedure: (Ketten Bon and <X> only) ① Quantity × Amount, ② Amount × Quantity	① = 0 ② = 1	<input type="checkbox"/> D ₆
Rounding: Round off = 0, cut off = 1, round up = 2	Significant number	<input type="checkbox"/> D ₅
Always "0000"		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₄ D ₃ D ₂ D ₁

4-3-7-29 Worksheet for selective item subtotal

Description	Choice	Program code
Selective item status (0, 1, 2): Selective item 1 = 0/1, selective item 2 = 2	Significant number	<input type="checkbox"/> D ₁₁
Always "00000"		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₁₀ D ₉ D ₈ D ₇ D ₆
Always "00000"		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₅ D ₄ D ₃ D ₂ D ₁

4-3-7-30 Worksheet for open check

Description	Choice	Program code
Display report. / Print report.	Print = 0 Display = 2	<input type="checkbox"/> D ₇
Always "000000"		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₆ D ₅ D ₄ D ₃ D ₂ D ₁

4-3-7-31 Worksheet for list

Description	Choice	Program code
Record No. of linking pulldown menu group (4).	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₁₂ D ₁₁ D ₁₀
Record No. of linking pulldown menu group (3).	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₉ D ₈ D ₇
Record No. of linking pulldown menu group (2).	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₆ D ₅ D ₄
Record No. of linking pulldown menu group (1).	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₃ D ₂ D ₁

Program 3

4-3-7-32 Worksheet for tax exempt

Description		Choice	Program code
U.S., Singapore: Exempt tax 1	a	Yes = 0 No = 1	<input type="text" value="0"/> <input type="text"/> (a+b+c) D ₉ D ₈
Exempt tax 2	b	Yes = 0 No = 2	
Exempt tax 3	c	Yes = 0 No = 4	
Canada: Exempt Donuts tax = 1, Not exempt Donuts tax = 0		Significant number	<input type="text"/> D ₉
Exempt all = 0 Exempt tax 1 = 1, Exempt tax 2 = 2, Exempt tax 3 = 3, Exempt tax 4 = 4, Exempt tax 1 & 2 = 5, Exempt tax 1 & 3 = 6, Exempt tax 1 & 4 = 7		Significant number	<input type="text"/> D ₈
Other area: Exempt all = 00, Exempt tax 1 ~ 10 = 01 ~ 10		Significant numbers	<input type="text"/> <input type="text"/> D ₉ D ₈
Always "0000"			<input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/> D ₇ D ₆ D ₅ D ₄
Always "000"			<input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/> D ₃ D ₂ D ₁

4-3-7-33 Worksheet for clock-in/clock-out

Description	Choice	Program code
The purpose of uses: Use both clock-in and clock-out = 0 Use only clock-in = 1 Use only clock-out = 2	Significant numbers	<input type="text"/> D ₂
Print receipt when clock-in or clock-out keys are pressed.	Yes = 0 No = 1	<input type="text"/> D ₁

4-3-7-34 Worksheet for break-in/break-out

Description	Choice	Program code
The propose of uses: Use both break-in and break-out = 0 Use only break-in = 1 Use only break-out = 2	Significant numbers	<input type="text"/> D ₂
Always "0"		<input type="text" value="0"/> D ₁

4-3-7-35 Worksheet for house Bon

Description	Choice	Program code
Shift: ① Status, ② Staydown	② = 0 ① = 1	<input type="text"/> D ₂
Always "0"		<input type="text" value="0"/> D ₁

4-3-7-36 Worksheet for eat-in / takeout

Description		Choice	Program code
U.S., Singapore: Exempt tax 1	a	Yes = 0 No = 1	<input type="text" value="0"/> <input type="text" value=""/> (a+b+c) D ₉ D ₈
Exempt tax 2	b	Yes = 0 No = 2	
Exempt tax 3	c	Yes = 0 No = 4	
Canada: Exempt Donuts tax = 1, Not exempt Donuts tax = 0		Significant number	<input type="text" value=""/> D ₉
Exempt all = 0 Exempt tax 1 = 1, Exempt tax 2 = 2, Exempt tax 3 = 3, Exempt tax 4 = 4, Exempt tax 1 & 2 = 5, Exempt tax 1 & 3 = 6, Exempt tax 1 & 4 = 7		Significant number	<input type="text" value=""/> D ₈
Other area: Exempt all = 00, Exempt tax 1 ~ 10 = 01 ~ 10		Significant numbers	<input type="text" value=""/> <input type="text" value=""/> D ₉ D ₈
Always "00"			<input type="text" value="0"/> <input type="text" value="0"/> D ₇ D ₆
Print receipt when the key is pressed.		No = 0 Yes = 4	<input type="text" value=""/> D ₅
Always "0000"			<input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/> D ₄ D ₃ D ₂ D ₁

4-3-7-37 Worksheet for store

Description	Choice	Program code
Print VAT breakdown.	No = 0 Yes = 1	<input type="text" value=""/> D ₆
Print receipt.	Yes = 0 No = 2	<input type="text" value=""/> D ₅
Always "0000"		<input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/> D ₄ D ₃ D ₂ D ₁

4-3-7-38 Worksheet for new check, new/old check

Description	Choice	Program code
Enable auto new check assignment.	No = 0 Yes = 1	<input type="text" value=""/> D ₇
Always "000000"		<input type="text" value="0"/> <input type="text" value="0"/> D ₆ D ₅ D ₄ D ₃ D ₂ D ₁

4-3-7-39 Worksheet for round repeat

Description		Choice	Program code
Perform new balance after round repeat.	a	Yes = 0 No = 1	<input type="text" value=""/> (a+b) D ₁
Include plus/minus, premium/discount result to round repeat amount.	b	Yes = 0 No = 2	

Program 3

4-3-7-40 Worksheet for shift PLU

Description	Choice	Program code
Shift: ① Status, ② Staydown	② = 0 ① = 1	<input type="checkbox"/> D ₂
Define assigning shift PLU number. (0, 1 ~ 8) ("0" means "1".)	Significant number	<input type="checkbox"/> D ₁

4-3-7-41 Worksheet for old check

Description	Choice	Program code
Enable to open the finalized check.	No = 0 Yes = 1	<input type="checkbox"/> D ₁

4-3-7-42 Worksheet for Dutch account

Description	Choice	Program code
Maximum customer numbers for one Dutch account. ("00" means "99".)	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D ₂ D ₁

4-3-7-43 Worksheet for tray total

Description	Choice	Program code
Accumulate "Tray total" to the key totalizer, whenever the <TRAY TOTAL> key is pressed twice.	No = 0 Yes = 1	<input type="checkbox"/> D ₁

4-3-7-44 Worksheet for recall

Description	Choice	Program code
Enable to open the closed check.	No = 0 Yes = 1	<input type="checkbox"/> D ₁

4-3-7-45 Worksheet for menu shift

Description	Choice	Program code
Default sheet No. while pressing the key. "0" means to assign the next sheet No.	Significant number	<input type="checkbox"/> D ₇
Always "000000"		<input type="text" value="0"/> <input type="text" value="0"/> D ₆ D ₅ D ₄ D ₃ D ₂ D ₁

4-3-8 Programming shift PLU program

Operation

Key Feature	
Key Feature	
1. PLU	
2. PLU 2nd@	
3. Sub-Department	
4. Department	
5. Range	
6. Individual PGM	
7. Function Key	
8. Shift PLU	!!
0.00	

4. Select "8. Shift PLU" and press the <YES> key.

Key Feature	
Shift PLU	
1. PLU0001	
2. PLU0002	
3. PLU0005	
4. PLU0004	
5. PLU0005	
6. PLU0006	
7. PLU0007	
8. PLU0008	!!
0.00	

5. Select an appropriate item directly, by entering record No. or by entering PLU No. and press the <YES> key. In this step, you can use "Character search" to select the item. (Refer to page 33 of this manual.)

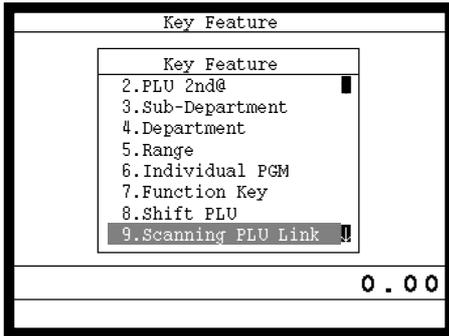
Memory No.	1	
2nd Price		0.00
3rd Price		0.00
4th Price		0.00
5th Price		0.00
6th Price		0.00
7th Price		0.00
8th Price		0.00
		0.00

6. Select an appropriate price and enter the unit price.
7. Press the <ESC> key to return to the previous menu.

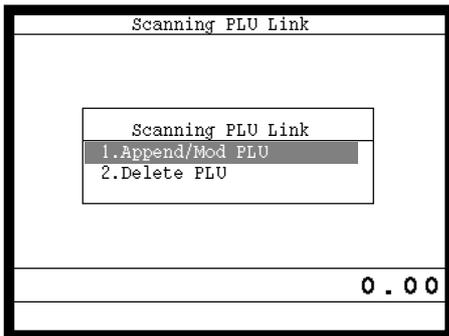
Program 3

4-3-9 Programming scanning PLU link program

Operation

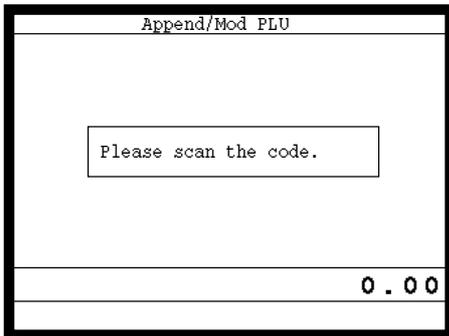


4. Select “9. Scanning PLU Link” and press the <YES> key.



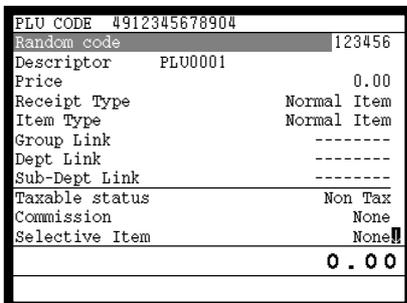
5. If you append a new PLU or modify an existing PLU, select “Append/Mod PLU”. If you delete an existing PLU, select “Delete PLU”.

Add/modify PLU

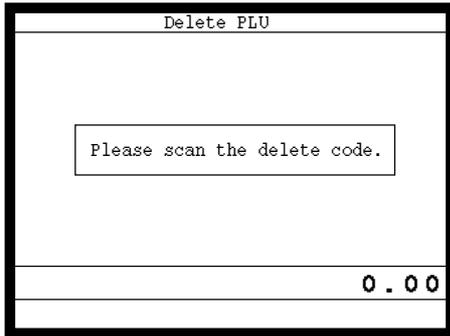


6. Scanning the barcode or enter the PLU code and press the <OBR> key.

After this step, the PLU programming menu is shown. Refer to the “4-3-1. Programming PLU features”.



Delete PLU



6. Scanning the barcode or enter the PLU code and press the <OBR> key.
After this step, go to the step 5 automatically.

4-3-10 Programming PLU by Pulldown group

Operation

Key Feature	
Key Feature	
3.Sub-Department	
4.Department	
5.Range	
6.Individual PGM	
7.Function Key	
8.Shift PLU	
9.Scanning PLU Link	
10.Pulldown Group	

0.00

4. Select "10. Pulldown group" and press the <YES> key.

Key Feature	
Pulldown Group	
1.LIST01	
2.LIST02	
3.LIST03	
4.LIST04	
5.LIST05	
6.LIST06	
7.LIST07	
8.LIST08	

0.00

5. Select the LIST directly, or by entering record No. and press the <YES> key.

LIST01	
LIST01	
1.PLU0010	
2.LIST10	
3.PLU0011	
4.PLU0012	
5.-----	
6.-----	
7.-----	
8.-----	

0.00

6. Select the PLU and press the <YES> key.

In case of selecting the child LIST, press the <YES> key will show the contents of the child LIST.

Memory No.	1
Use Random Code	123456
Descriptor	PLU0001
Price	0.00
Receipt type	Normal Item
Item type	Normal Item
Group Link	-----
Dept Link	-----
Sub-Dept Link	-----
Taxable status	Non Tax
Commission	None
Selective item	None

0.00

Record No.	1
Order color	Black
Order Printer #1	NO
Order Printer #2	NO
Order Printer #3	NO
Order Printer #4	NO
Order Printer #5	NO
Order Printer #6	NO
Order Printer #7	NO
Order char Link	-----
Number of Bon	0
Unit stock	0.000

0.00

Memory No.	1
Minimum Stock	0.000
Set Menu Table	0
List Link #1	-----
List Link #2	-----
List Link #3	-----
List Link #4	-----
Open PLU	NO
Zero Unit Price	NO
Negative Price	NO
Hash Item	NO
Full hash item	NO
	0.00

Memory No.	1
List Link #4	-----
Open PLU	NO
Zero Unit Price	NO
Negative Price	NO
Hash Item	NO
Full hash item	NO
High Amount Limit	0.00
Low Digit Limit	0
Multiple VLD	N Repeat
Use main Item Amt Only	NO
Use Premium Item of Set	NO
	0.00

7. Select an appropriate record and press the <YES>/<NO> key or enter the numeric value and press the <YES> key.
8. Press the <ESC> key to return to the previous menu.

Field meaning

Please refer to the “4-3-1. Programming PLU Features”.

5. Program 2	P-144
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5-2-5 Programming PLU/subdepartment/department descriptors by range	P-150
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5-3-7 Programming report headers	P-159
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5. Program 2

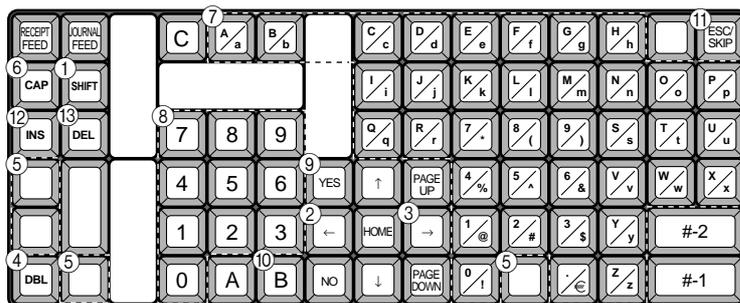
5-1. Character programming

There are two methods you can use to input characters: using a character programming keyboard (menu sheet) for direct input, or using character codes to specify the characters.

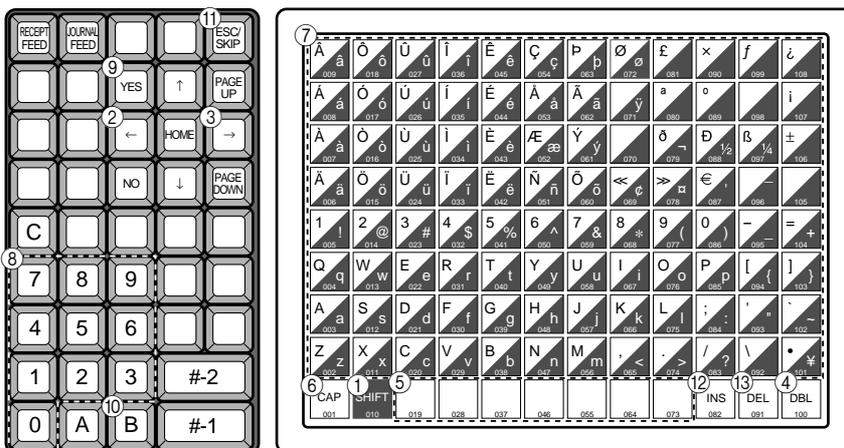
5-1-1 Character programming keyboard

When you enter the Program 2 mode, the keyboard becomes a character programming keyboard (shown below).

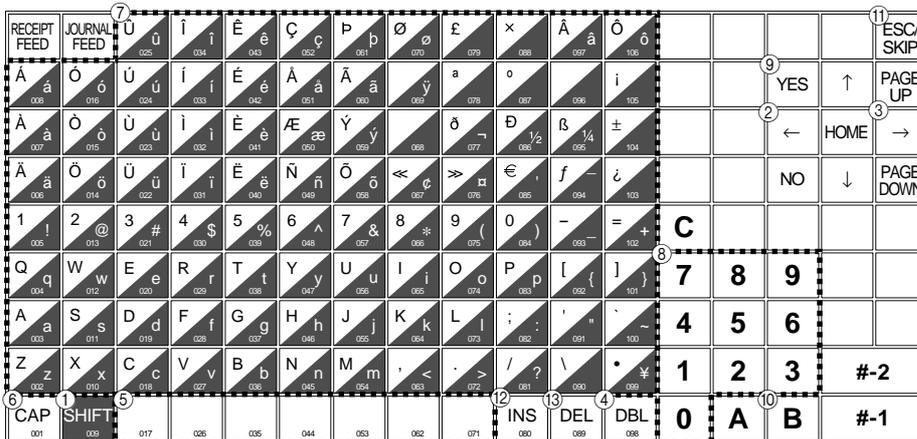
TE-7000S character keyboard



TE-8000F character keyboard



TE-8500F character keyboard



- ① **Shift key**
Press this key to shift the following characters from the uppercase letter to lowercase letter and returns to the uppercase letter in sequence.
- ② **Left cursor key**
Press this key to shift the character setting position to the left one by one. This key is used to correct already entered characters.
- ③ **Right cursor key**
Press this key to shift the character setting position to the right one by one. This key is used to correct already entered characters.
- ④ **Double size letter key**
Press this key to specify that the next character you input to a double size character.
- ⑤ **Space key**
Press this key to set a space.
- ⑥ **CAP key**
Press this key to shift the character to the uppercase letter.
- ⑦ **Alphabet keys**
Press these keys to input characters.
- ⑧ **Numeric keys**
Press these keys to enter program codes, memory number and character codes.
- ⑨ **Yes key**
Press this key when the alphabetic entry for a descriptor, name or message has been completed. This key is also used for editing the programmed characters.
- ⑩ **Backspace key**
Press this key to move the character placed behind.
- ⑪ **ESC/SKIP key**
Press this key to terminate the character programming.
- ⑫ **Insert key**
Press this key to put one space between the original characters.
- ⑬ **Delete key**
Press this key to clear the designated character.

Character programming keyboard (Menu sheet)

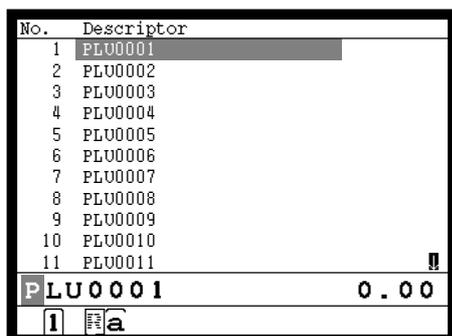
The character programming keyboard has an uppercase “CAP” setting and a “SHIFT” setting. Its initial setting is CAP setting, which remains in effect until you press the <SHIFT> key.

After you press <SHIFT>, the shift setting remains in effect until you press the uppercase <CAP> key again. Note that neither the <SHIFT> nor <CAP> key operation is counted as a character during programming.

Press the <DBL> key to specify that the next character you input is a double-size character. Each double-size character counts as two normal size characters.

Press the <INS> at the insertion point to insert a character, or press the key at the deletion point to delete a character.

The <←> and <→> key moves the insertion/deletion point.



Icon (It shows a sort of the character input)

<SHIFT> $\overline{A} \rightarrow \underline{a}$ or $\overline{A} \rightarrow \underline{a}$
 <CAP> $\underline{a} \rightarrow \overline{A}$ or $\underline{a} \rightarrow \overline{A}$
 <DBL> $\underline{a} \rightarrow \overline{a}$ or $\overline{A} \rightarrow \overline{A}$
 <INS> $\overline{PLU0001} \rightarrow \overline{PLU0001}$
 $\overline{PLU0001} \rightarrow \overline{LU0001}$
 $\overline{Q} \overline{q} \overline{PLU0001} \rightarrow \overline{QLU0001}$

Program 2

5-1-2 Inputting characters by code

You can also program text by inputting codes that correspond to the characters you want to input. A list of character codes is given in the table below.

You must also use the key on the 10-key pad during character code programming to fix character codes for the last input character.

Character code table

Chara	Code												
Space	32	0	48	@	64	P	80	'	96	p	112	Ç	128
!	33	1	49	A	65	Q	81	a	97	q	113	ü	129
”	34	2	50	B	66	R	82	b	98	r	114	é	130
#	35	3	51	C	67	S	83	c	99	s	115	â	131
\$	36	4	52	D	68	T	84	d	100	t	116	ä	132
%	37	5	53	E	69	U	85	e	101	u	117	à	133
&	38	6	54	F	70	V	86	f	102	v	118	å	134
'	39	7	55	G	71	W	87	g	103	w	119	ç	135
(	40	8	56	H	72	X	88	h	104	x	120	ê	136
)	41	9	57	I	73	Y	89	i	105	y	121	ë	137
*	42	:	58	J	74	Z	90	j	106	z	122	è	138
+	43	;	59	K	75	[	91	k	107	{	123	ï	139
,	44	<	60	L	76	\	92	l	108	|	124	î	140
-	45	=	61	M	77	]	93	m	109	}	125	ì	141
.	46	>	62	N	78	^	94	n	110	~	126	Ä	142
/	47	?	63	O	79	_	95	o	111	⏏	127	Å	143

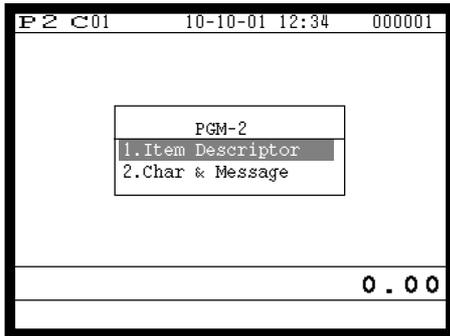
Chara	Code												
É	144	á	160	I	176	ℒ	192	ð	208	Ó	224		240
æ	145	í	161	II	177	⊥	193	Ð	209	ß	225	±	241
Æ	146	ó	162	III	178	⊥	194	Ê	210	Ô	226		242
ô	147	ú	163	|	179	⊥	195	Ë	211	Ò	227		243
ö	148	ñ	164	⊥	180	—	196	È	212	ō	228		244
ò	149	Ñ	165	Á	181	+	197	€	213	Õ	229		245
û	150	ª	166	Â	182	ã	198	Í	214	μ	230	←	246
ù	151	º	167	À	183	Ã	199	Î	215	þ	231	→	247
ÿ	152	ı	168		184	ℒ	200	Ï	216	þ	232	↑	248
Ö	153		169	≡	185	ℒ	201	⌞	217	Ú	233	↓	249
Ü	154	⌞	170	||	186	≡	202	⌞	218	Û	234	•	250
ø	155	1/2	171	≡	187	≡	203		219	Ù	235		251
£	156	1/4	172	≡	188	||	204		220	ý	236		252
Ø	157	ı	173	¢	189	=	205	ı	221	Ý	237		253
×	158	«	174	¥	190	≡	206	ì	222	—	238		254
f	159	»	175	⌞	191	≡	207		223	˘	239	Double size	255

5-1-3 After completing to input characters

After completion of inputting characters (by both character keyboard and character codes), it is necessary to press the <YES> key when you assign these characters to a key.

5-2. Programming item descriptors

Preparation:

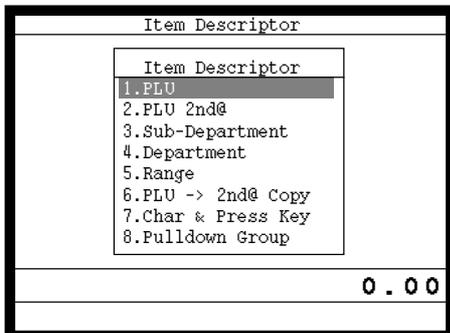


1. Sign on a clerk (if necessary).
2. Press <PGM MODE> repeatedly or “2” <PGM MODE> to assign Program 2 mode.

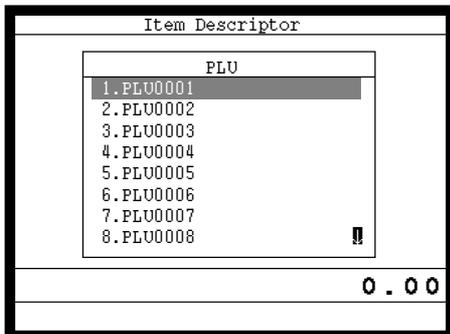
3. Select “1. Item Descriptor” and press the <YES> key.

5-2-1 Programming PLU item descriptors

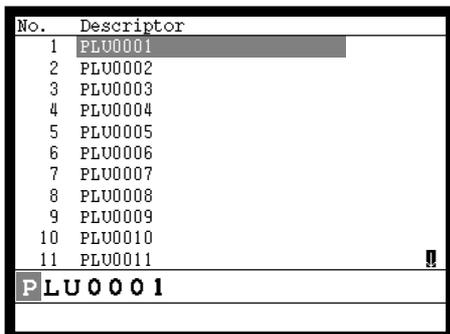
Operation



4. Select “1. PLU” and press the <YES> key.



5. Select the PLU directly, or by entering record No. and press the <YES> key or by entering random code and press the <PLU> key. In this step, you can use “Character search” to select the item. (Refer to page 33 of this manual.)



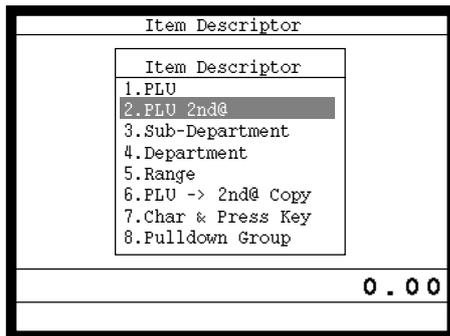
6. After pressing the <YES> key again, the original descriptors are shown in the lower column of the display. Then enter characters (max. 24 characters) and press the <YES> key to fix them.

7. Press the <ESC> key to return to the previous menu.

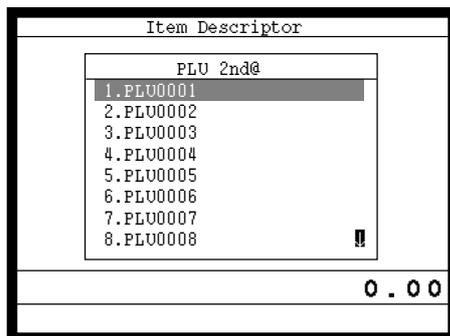
Program 2

5-2-2 Programming PLU 2nd unit price descriptors

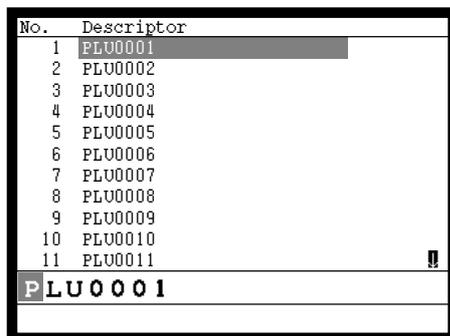
Operation



4. Select “2. PLU 2nd@” and press the <YES> key.



5. Select the PLU directly, or by entering record No. and press the <YES> key or by entering random code and press the <PLU No.> key. In this step, you can use “Character search” to select the item. (Refer to page 33 of this manual.)

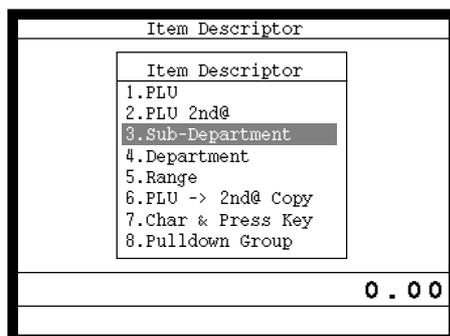


6. After pressing the <YES> key again, the original descriptors are shown in the lower column of the display. Then enter characters (max. 24 characters) and press the <YES> key to fix them.

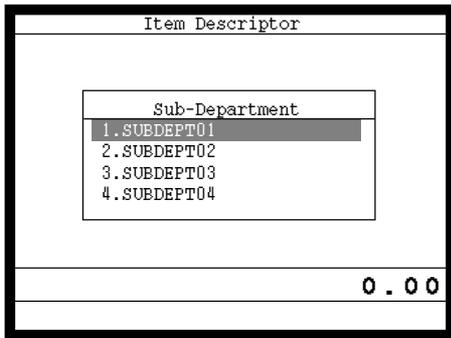
7. Press the <ESC> key to return to the previous menu.

5-2-3 Programming subdepartment descriptors

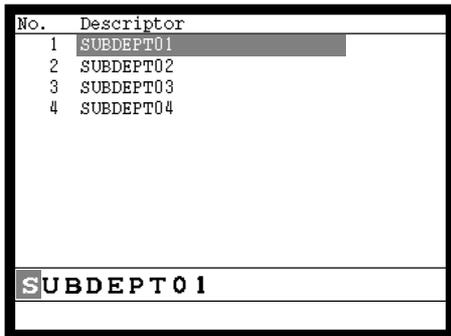
Operation



4. Select “3. Sub-Department” and press the <YES> key.



5. Select the <SUBDEPARTMENT> directly or by entering subdepartment No. and press the <YES> key.

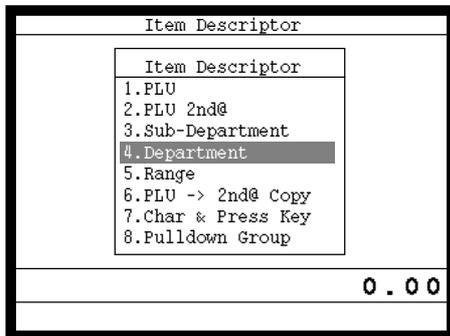


6. After pressing the <YES> key again, the original descriptors are shown in the lower column of the display. Then enter characters and press the <YES> key to fix them.

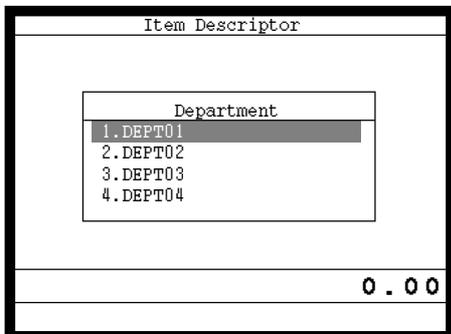
7. Press the <ESC> key to return to the previous menu.

5-2-4 Programming department descriptors

Operation



4. Select “4. Department” and press the <YES> key.



5. Select the <DEPARTMENT> directly, by entering department No. and press the <YES> key.

Program 2

No.	Descriptor
1	DEPT01
2	DEPT02
3	DEPT03
4	DEPT04

DEPT01

6. After pressing the <YES> key again, the original descriptors are shown in the lower column of the display. Then enter characters and press the <YES> key to fix them.
7. Press the <ESC> key to return to the previous menu.

5-2-5 Programming PLU/subdepartment/department descriptors by range

Operation

Item Descriptor	
Item Descriptor	
1.	PLU
2.	PLU 2nd@
3.	Sub-Department
4.	Department
5.	Range
6.	PLU -> 2nd@ Copy
7.	Char & Press Key
8.	Pulldown Group

0 . 0 0

4. Select "5. Range" and press the <YES> key.

Item Descriptor	
Range	
1.	PLU
2.	PLU 2nd@
3.	Sub-Department
4.	Department

0 . 0 0

5. Select the subject you want to modify, "PLU/PLU 2nd@/ Sub-Department/Department" and press the <YES> key.

Item Descriptor	
Descriptor	PLU0123
Enter Start range	0
End range	0
OK?	YES

0 . 0 0

6. After pressing the <YES> key again, enter characters and press the <YES> key.

```

Item Descriptor
Descriptor  PLU0123
Enter Start range  123
End range        0
OK?              YES
0.00

```

7. Enter the start range No. and press the <YES> key.
(It starts "0001" if you skip to enter the start range.)
Then enter the end range No. and press the <YES> key.
(It ends the last record if you skip to enter the end range.)

```

Item Descriptor
Descriptor  PLU0123
Enter Start range  123
End range        999
OK?              YES
0.00

```

8. Press the <YES> key and return to the previous menu.

5-2-6 Copying PLU descriptors to PLU 2nd unit price Operation

```

Item Descriptor
Item Descriptor
1.PLU
2.PLU 2nd@
3.Sub-Department
4.Department
5.Range
6.PLU -> 2nd@ Copy
7.Char & Press Key
8.Pulldown Group
0.00

```

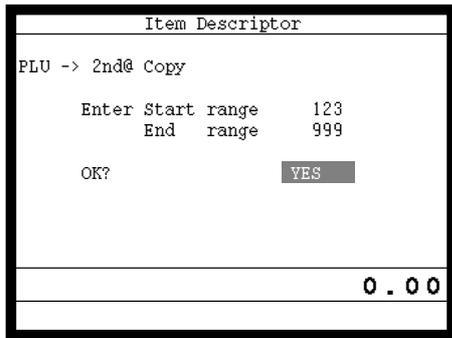
4. Select "6. PLU -> 2nd@ Copy" and press the <YES> key.

```

Item Descriptor
PLU -> 2nd@ Copy
Enter Start range  123
End range        0
OK?              YES
0.00

```

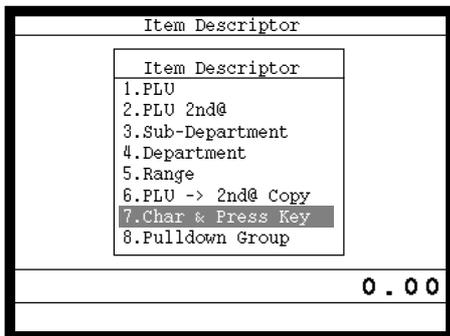
5. Enter the start range No. and press the <YES> key.
(It starts "0001" if you skip to enter the start range.)
Then enter the end range No. and press the <YES> key.
(It ends the last record if you skip to enter the end range.)



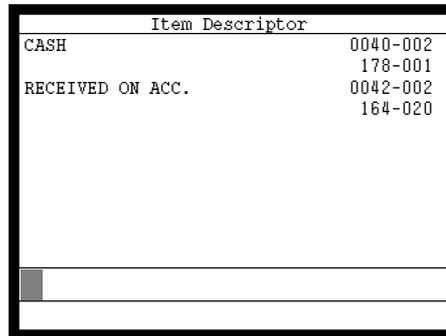
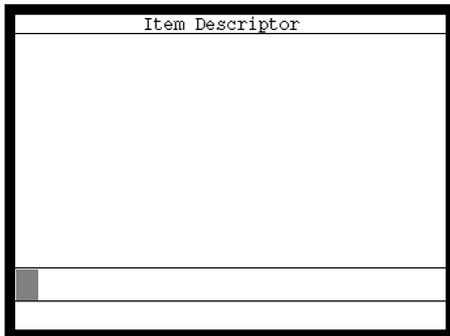
6. Press the <YES> key and return to the previous menu.

5-2-7 Programming function key descriptors

Operation



4. Select “7. Char & Press Key” and press the <YES> key.



5. a) Function keys (max. 16 characters)
Enter characters, press the <YES> key to fix them and press the corresponding key.
 - b) PLU (max. 24 characters)
Enter characters, press the <YES> key to fix them and press the corresponding <Flat PLU> key or enter corresponding PLU No./random code and press the <PLU> key.
 - c) PLU 2nd @ (max. 24 characters)
Enter characters and press the <2nd@> key and corresponding key.
6. Press the <ESC> key to return to the previous menu.

5-2-8 Programming PLU descriptors by Pulldown group

Operation

Item Descriptor

Item Descriptor
1. PLU
2. PLU 2nd@
3. Sub-Department
4. Department
5. Range
6. PLU -> 2nd@ Copy
7. Char & Press Key
8. Pulldown Group

0 . 0 0

4. Select “8. Pulldown group” and press the <YES> key.

Item Descriptor

Pulldown Group
1. LIST01
2. LIST02
3. LIST03
4. LIST04
5. LIST05
6. LIST06
7. LIST07
8. LIST08

0 . 0 0

5. Select the LIST directly, or by entering record No. and press the <YES> key.

No.	Descriptor
11	PLU0011
22	PLU0022
33	PLU0033
44	PLU0044
	LIST10

0 . 0 0

6. Select the PLU directly and enter character and press the <YES> key.

No.	Descriptor
11	PLU0011
22	PLU0022
33	PLU0033
44	PLU0044
	LIST10

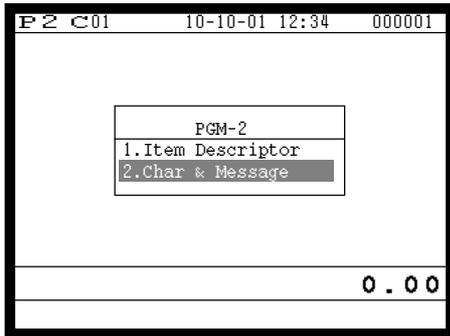
0 . 0 0

7. In case of selecting the child LIST, press the <YES> key will show the contents of the child LIST.

8. Press the <ESC> key to return to the previous menu.

5-3. Programming characters and messages

Preparation:

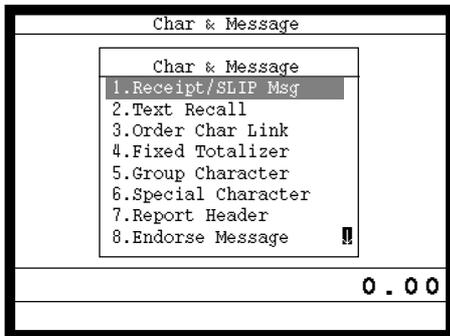


1. Sign on a clerk (if necessary).
2. Press <PGM MODE> repeatedly or “2” <PGM MODE> to assign Program 2 mode.

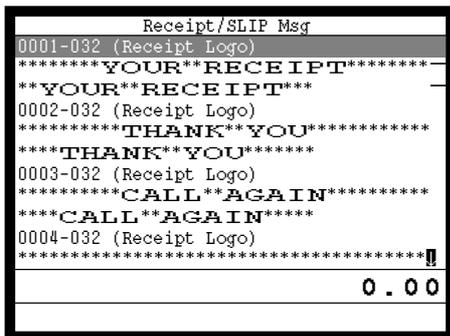
3. Select “2. Char & Message” and press the <YES> key.

5-3-1 Programming receipt message, slip message and guest receipt message

Operation



4. Select “1. Receipt/SLIP Message” and press the <YES> key.



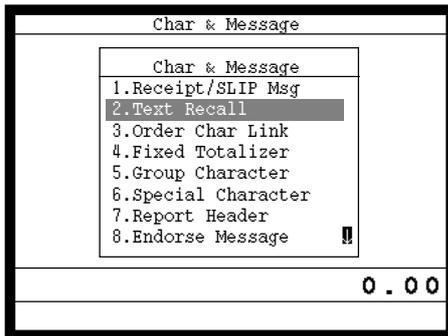
for external printer
for internal printer

Rec No.	Message
1 ~ 8	Receipt logo message
9 ~ 16	Receipt commercial message
17 ~ 24	Receipt bottom message
25 ~ 32	Bill top message
33 ~ 40	Bill copy message
41 ~ 48	Bill bottom message
49 ~ 56	Slip logo message
57 ~ 64	Slip intermediate message
65 ~ 72	Slip bottom message
73 ~ 74	Post receipt
75 ~ 94	Guest bottom message
95 ~ 96	E-journal copy receipt message

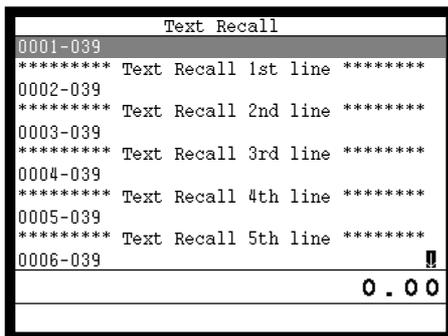
5. Select the appropriate record, press the <YES> key, enter characters (max. 40 characters for external printer, max. 29 characters for internal printer) and press the <YES> key.
6. Press the <ESC> key to return to the previous menu.

5-3-2 Programming text recall message

Operation



4. Select "2. Text Recall" and press the <YES> key.

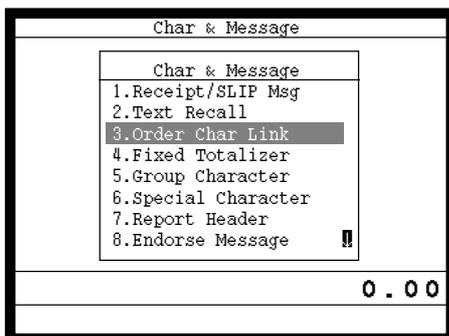


5. Select the appropriate record, press the <YES> key, enter characters (Maximum 40 characters) and press the <YES> key.

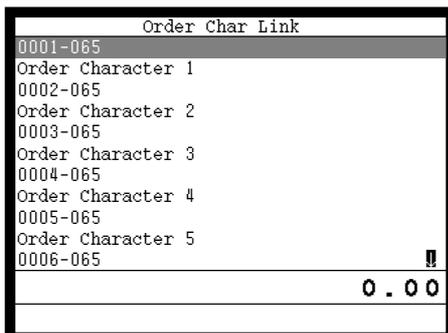
6. Press the <ESC> key to return to the previous menu.

5-3-3 Programming order character link

Operation



4. Select "3. Order Char Link" and press the <YES> key.

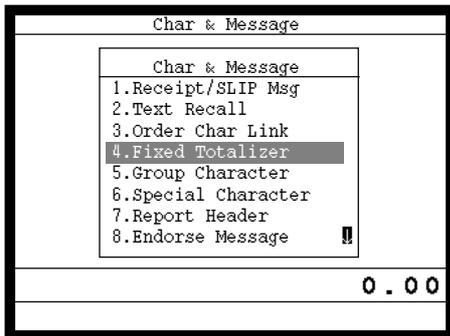


5. Select the appropriate record, press the <YES> key, enter characters (Maximum 16 characters) and press the <YES> key.

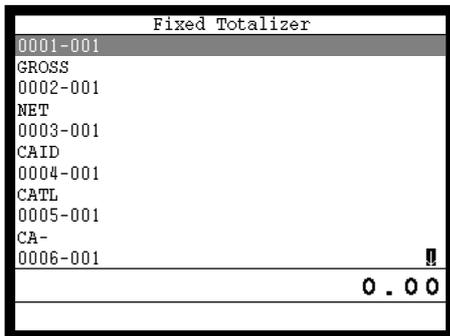
6. Press the <ESC> key to return to the previous menu.

5-3-4 Programming fixed totalizer descriptors

Operation



4. Select "4. Fixed Totalizer" and press the <YES> key.



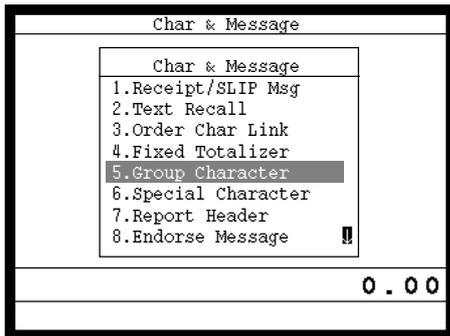
5. Select the appropriate record, press the <YES> key, enter characters (Maximum 16 characters) and press the <YES> key.

6. Press the <ESC> key to return to the previous menu.

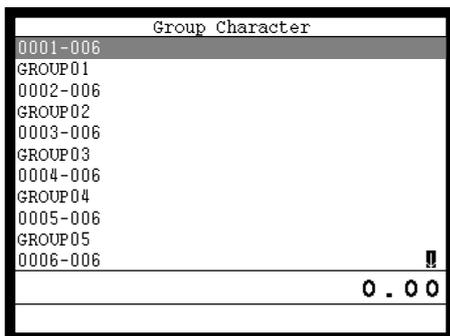
Rec No.	Message	Rec No.	Message
001	Gross sales total	042	ST transfer void
002	Net sales total	043 ~ 049	Not used
003	Cash in drawer	050	Taxable amount 1
004	Cash declared amount (not used)	051	Tax 1
005	Declared short cash amount (not used)	052	Tax exempt 1
006	Declared over cash amount (not used)	053	Taxable amount 2
007	Charge in drawer	054	Tax 2
008	Charge declared amount (not used)	055	Tax exempt 2
009	Declared short charge amount (not used)	056	Taxable amount 3
010	Declared over charge amount (not used)	057	Tax 3
011	Check in drawer	058	Tax exempt 3
012	Check declared amount (not used)	059	Taxable amount 4
013	Declared short check amount (not used)	060	Tax 4
014	Declared over check amount (not used)	061	Tax exempt 4
015	Credit in drawer	062	Taxable amount 5
016	Credit declared amount (not used)	063	Tax 5
017	Declared short credit amount (not used)	064	Tax exempt 5
018	Declared over credit amount (not used)	065	Taxable amount 6
019 ~ 022	Not used	066	Tax 6
023	Refund mode total	067	Tax exempt 6
024	Customer count	068	Taxable amount 7
025	Average sales per customer	069	Tax 7
026	Check cashing service fee	070	Tax exempt 7
027	New Balance fee	071	Taxable amount 8
028	Not used	072	Tax 8
029	Clerk commission 1 total	073	Tax exempt 8
030	Clerk commission 2 total	074	Taxable amount 9
031	Foreign currency cash in drawer 1	075	Tax 9
032	Foreign currency check in drawer 1	076	Tax exempt 9
033	Foreign currency cash in drawer 2	077	Taxable amount 10
034	Foreign currency check in drawer 2	078	Tax 10
035	Foreign currency cash in drawer 3	079	Tax exempt 10
036	Foreign currency check in drawer 3	080	Euro cash in drawer
037	Reduction	081	Euro charge in drawer
038	Item return	082	Euro check in drawer
039	Clear counter	083	Euro credit in drawer
040	Not used	084	Coupon total
041	Rounding	085	Money declaration total

5-3-5 Programming group character

Operation



4. Select "5. Group Character" and press the <YES> key.

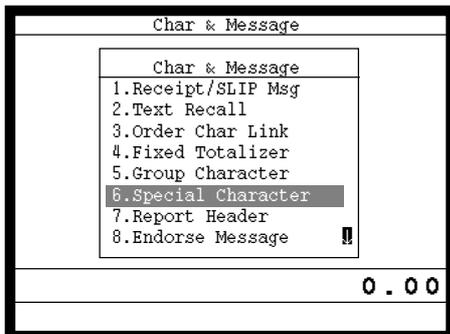


5. Select the appropriate record, press the <YES> key, enter characters (Maximum 16 characters) and press the <YES> key.

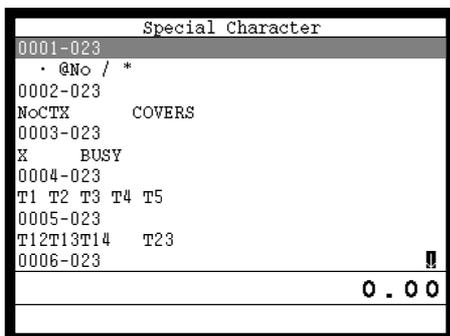
6. Press the <ESC> key to return to the previous menu.

5-3-6 Programming special characters

Operation



4. Select "6. Special Character" and press the <YES> key.



5. Select the appropriate record, press the <YES> key, enter characters and press the <YES> key.

6. Press the <ESC> key to return to the previous menu.

Program 2

Rec No.	Contents	Descriptor
001	Amount symbol (3), @(2), No (2), not used (1), Split pricing (1), not used (1), Training filler (1)	U.S. \$ @No / *
		Others · @No / *
002	No. of item sold (2), Customer count (2), Square (6), Double sized customer count(6)	NoCTX COVERS
003	Multiplication (6) Recalling for a check (6)	U.S. BUSY
		Others X BUSY
004	Taxable symbol 1 (3 each)	T1 T2 T3 T4 T5
005	Taxable symbol 2 (3 each), Food stamp symbol (1)	T12T13T14 T23F
006	Taxable symbol 3 (3 each)	T1
007	Foreign currency × 4 (2 each), Selective item symbol × 3 (1 each), Center dot (1)	* * * * ·
008	Mode symbol 1 (4 each)	REG RFR-MGR
009	Mode symbol 2 (4 each)	Pn X/Z
010	Mode symbol 3 (4)	TRG
011	Decimal of amount, Decimal of quantity, Delimiter (1 each)	.,,
012	A.M., P.M. (3 each)	AM PM
013	Slip continued (12), page (2)	CONTINUED P
014	Online password (8)	
015	Display subtotal symbol (ST key) (16)	SUBTOTAL
016	Subtotal symbol (16)	ST
017	Total symbol (16)	TL
018	Change symbol (16)	CG
019	Check cashing fee (16)	-
020	Check cashing amount (16)	CACG
021	Bon message (16)	** STUB **
022	Not used	
023	Check No. (12)	CHECK No.
024	Service total (16)	SRVC TL
025	Item discount total (16)	DISCOUNT
026	House Bon quantity of item (16)	HOUSE BON QTY
027	Seat No. (16)	SEAT#
028	Total symbol (X/Z report) (16)	TL
029	Clock-in symbol (16)	CLOCK-IN
030	Clock-out symbol (16)	CLOCK-OUT
031	Break-in symbol (16)	BREAK-IN
032	Break-out symbol (16)	BREAK-OUT
033	Job code symbol (16)	JOB
034	Work time symbol (16)	WORK TIME
035	Break time symbol (16)	BREAK TIME
036	Tip declaration symbol (16)	CASH TIP
037	Regular work hours (Employee report) (16)	REGULAR TIME
038	Overtime work hours (Employee report) (16)	OVER TIME
039	Employee report (1) (4 each)	IN OUT BRK JOB#
040	Employee report (2) (4 each), Edit symbol (1)	TIP WORK*
041	Hourly labor pay (16)	COST
042	Hourly labor proceeds (16)	NET SALES/HOUR
043	Pay per transaction (16)	COST/TRANSACTION
044	Euro amount symbol (3)	EUREUR
045	not used	
046	Occupied new check (Open check report) (16)	NEW OPEN
047	Finalized check (Open check report) (16)	FINALIZED
048	not used	
049	not used	
050	Unit price of shift PLU 1 (PLU report)	@1
051	Unit price of shift PLU 2 (PLU report)	@2
052	Unit price of shift PLU 3 (PLU report)	@3
053	Unit price of shift PLU 4 (PLU report)	@4
054	Unit price of shift PLU 5 (PLU report)	@5
055	Unit price of shift PLU 6 (PLU report)	@6
056	Unit price of shift PLU 7 (PLU report)	@7
057	Unit price of shift PLU 8 (PLU report)	@8
058	Taxable symbol 4 (3 each)	T6 T7 T8 T9 T10
059	Food stamp change (16)	FSCG
~ 071	not used	

† n: Program mode number (1 ~ 6)

5-3-7 Programming report headers

Operation

```

Char & Message
-----
Char & Message
1.Receipt/SLIP Msg
2.Text Recall
3.Order Char Link
4.Fixed Totalizer
5.Group Character
6.Special Character
7.Report Header
8.Endorse Message
-----
0.00
    
```

4. Select "7. Report Header" and press the <YES> key.

```

Report Header
-----
0001-024
FIXED TTL
0002-024
FREE FUNCTION
0003-024
SUB DEPT
0004-024
PLU
0005-024
DEPT
0006-024
-----
0.00
    
```

5. Select the appropriate record, press the <YES> key, enter characters (Maximum 16 characters) and press the <YES> key.

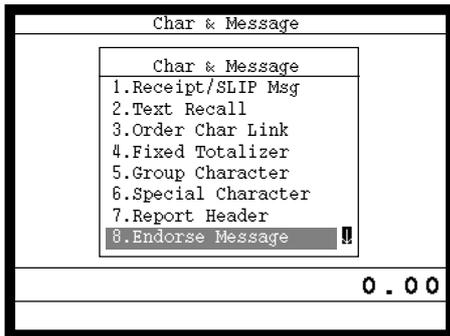
6. Press the <ESC> key to return to the previous menu.

Rec No.	Contents	Descriptor
001	Fixed totalizer report	FIXED TTL
002	Transaction key report	FREE FUNCTION
003	Subdepartment report	SUB DEPT
004	PLU report	PLU
005	Department report	DEPT
006	Group report	GROUP
007	Cashier/clerk report	CASHIER/CLERK
008	not used	
009	Hourly sales report	HOURLY
010	Monthly sales report	MONTHLY
011	Flash (Financial) report	FLASH
012	Open check report	OPEN CHK
013	Table analysis report	TABLE ANALYSIS
014	PLU stock report	PLU STOCK
015	Void causal report	VOID REASON
016	Electronic journal report	E-JOURNAL
017	Time & Attendance	EMPLOYEE
018	Hourly labor	HOURLY LABOR
019	Hourly item	HOURLY PRODUCT
020	not used	
021	IDC (1) reset	IDC(1) Clear
022	IDC (2) reset	IDC(2) Clear
023	IDC (3) reset	IDC(3) Clear
:		
030	not used	

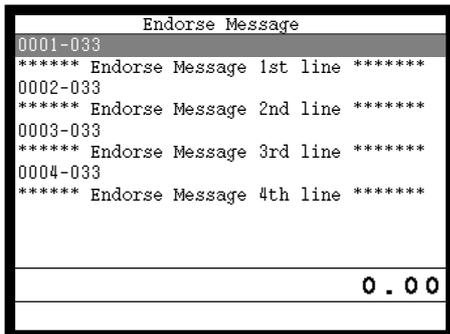
Program 2

5-3-8 Programming endorsement message

Operation



4. Select "8. Endorse Message" and press the <YES> key.

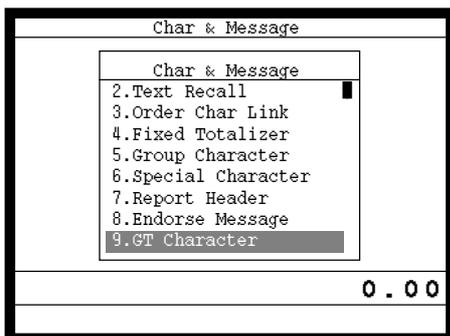


5. Select the appropriate record, press the <YES> key, enter characters (Maximum 40 characters) and press the <YES> key.

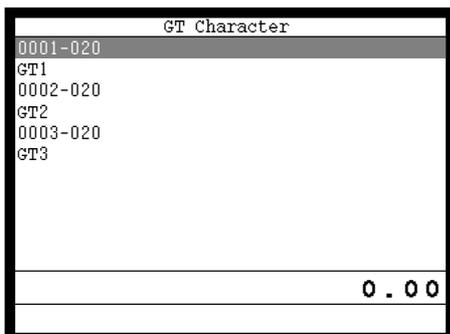
6. Press the <ESC> key to return to the previous menu.

5-3-9 Programming GT character

Operation



4. Select "9. GT Character" and press the <YES> key.



5. Select the appropriate record, press the <YES> key, enter characters (Maximum 16 characters) and press the <YES> key.

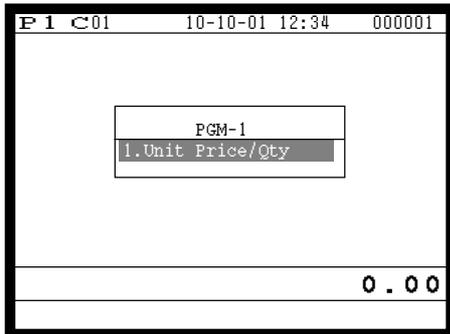
6. Press the <ESC> key to return to the previous menu.

6. Program 1	P-162
6-1. Presetting date and time	P-162
6-2. Programming unit price and rate	P-163
6-2-1 Programming PLU unit price	P-163
6-2-2 Programming PLU 2nd unit price	P-164
6-2-3 Programming PLU unit price and PLU 2nd unit price.....	P-165
6-2-4 Programming subdepartment unit price	P-166
6-2-5 Programming department unit price	P-166
6-2-6 Programming PLU / PLU 2nd@ / subdepartment / department unit price by range	P-167
6-2-7 Copying PLU unit price to PLU 2nd unit price	P-169
6-2-8 Programming amount or rate to keys	P-170
6-2-9 Programming unit price of shift PLU.....	P-171
6-2-10 Programming unit price of Pulldown group	P-172

6. Program 1

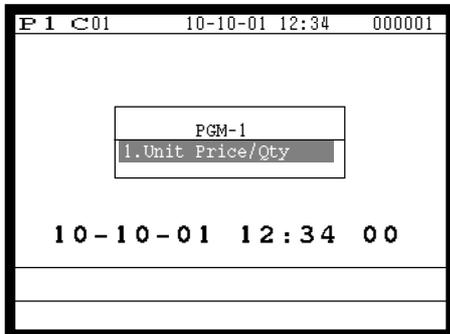
6-1. Presetting date and time

Preparation:



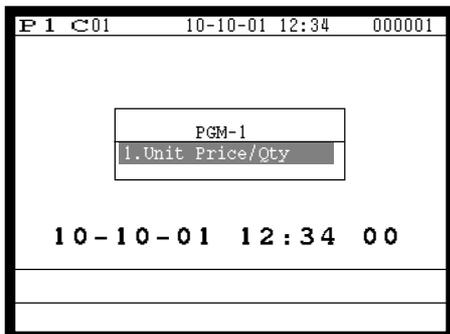
1. Sign on a clerk (if necessary).
2. Press <PGM MODE> repeatedly or “1” <PGM MODE> to assign Program 1 mode.

Presetting time:



3. Enter the current time in four (hour, minute) digits or in five (hour, minute, ten second) and press the <X> key (24-hour system).

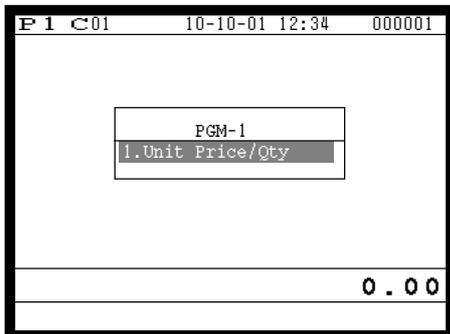
Presetting date:



3. Enter the current date in six digits (year, month, day order) and press the <X> key.

6-2. Programming unit price and rate

Preparation:

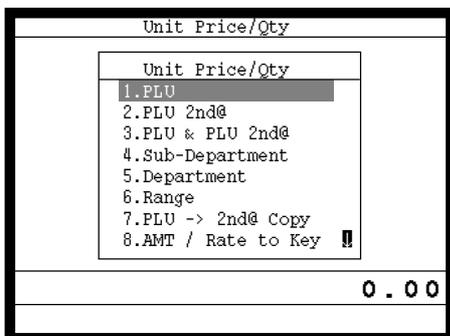


1. Sign on a clerk (if necessary).
2. Press <PGM MODE> repeatedly or “1” <PGM MODE> to assign Program 1 mode.

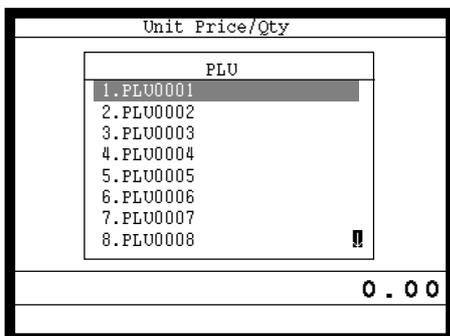
3. Select “1. Unit Price/Qty” and press the <YES> key.

6-2-1 Programming PLU unit price

Operation



4. Select “1. PLU” and press the <YES> key.



5. Select the PLU directly, or by entering record No. and press the <YES> key or by entering random code and press the <PLU> key. In this step, you can use “Character search” to select the item. (Refer to page 33 of this manual.)

No.	Descriptor	Price
1	PLU0001	@10.00
2	PLU0002	@20.00
3	PLU0003	@30.00
4	PLU0004	@40.00
5	PLU0005	@50.00
6	PLU0006	@60.00
7	PLU0007	@70.00
8	PLU0008	@80.00
9	PLU0009	@90.00
10	PLU0010	@100.00
11	PLU0011	@110.00!!
		0.00

6. Enter unit price and press the <YES> key to fix them. Pressing <YES> twice programs the same unit price to the next record.

7. Press the <ESC> key to return to the previous menu.

Program 1

6-2-2 Programming PLU 2nd unit price

Operation

Unit Price/Qty	
Unit Price/Qty	
1. PLU	
2. PLU 2nd@	
3. PLU & PLU 2nd@	
4. Sub-Department	
5. Department	
6. Range	
7. PLU -> 2nd@ Copy	
8. AMT / Rate to Key	!!
0.00	

4. Select "2. PLU 2nd@" and press the <YES> key.

Unit Price/Qty	
PLU 2nd@	
1. PLU0001	
2. PLU0002	
3. PLU0003	
4. PLU0004	
5. PLU0005	
6. PLU0006	
7. PLU0007	
8. PLU0008	!!
0.00	

5. Select the PLU directly, or by entering record No. and press the <YES> key or by entering random code and press the <PLU> key. In this step, you can use "Character search" to select the item. (Refer to page 33 of this manual.)

No.	Descriptor	Qty	Price
1	PLU0001	26.52	@10.00
2	PLU0002	0.00	@20.00
3	PLU0003	0.50	@30.00
4	PLU0004	1.75	@40.00
5	PLU0005	2.80	@50.00
6	PLU0006	0.00	@60.00
7	PLU0007	0.00	@70.00
8	PLU0008	0.00	@80.00
9	PLU0009	0.00	@90.00
10	PLU0010	0.00	@100.00
11	PLU0011	0.00	@110.00!!
			0.00

No.	Descriptor	Qty	Price
1	PLU0001	26.52	@10.00
2	PLU0002	0.00	@20.00
3	PLU0003	0.50	@30.00
4	PLU0004	1.75	@40.00
5	PLU0005	2.80	@50.00
6	PLU0006	0.00	@60.00
7	PLU0007	0.00	@70.00
8	PLU0008	0.00	@80.00
9	PLU0009	0.00	@90.00
10	PLU0010	0.00	@100.00
11	PLU0011	0.00	@110.00!!
			0.00

6. Select "Qty" or "Price" field by the cursor keys and enter unit q'ty/unit price and press the <YES> key to fix them. Pressing <YES> twice programs the same unit q'ty/unit price to the next record.

7. Press the <ESC> key to return to the previous menu.

6-2-3 Programming PLU unit price and PLU 2nd unit price

Operation

Unit Price/Qty	
Unit Price/Qty	
1. PLU	
2. PLU 2nd@	
3. PLU & PLU 2nd@	
4. Sub-Department	
5. Department	
6. Range	
7. PLU -> 2nd@ Copy	
8. AMT / Rate to Key	!!
0.00	

4. Select "3. PLU & PLU 2nd@" and press the <YES> key.

Unit Price/Qty	
PLU & PLU 2nd@	
1. PLU0001	
2. PLU0002	
3. PLU0003	
4. PLU0004	
5. PLU0005	
6. PLU0006	
7. PLU0007	
8. PLU0008	!!
0.00	

5. Select the PLU directly, or by entering record No. and press the <YES> key or by entering random code and press the <PLU> key. In this step, you can use "Character search" to select the item. (Refer to page 33 of this manual.)

No.	Descriptor	Qty	Price
1	PLU0001		@1,234.00
	PLU0001	12.26	@1.00
2	PLU0002		@20.00
	PLU0002	0.00	@2.00
3	PLU0003		@30.00
	PLU0003	0.50	@3.00
4	PLU0004		@40.00
	PLU0004	1.75	@4.00
5	PLU0005		@50.00
	PLU0005	2.80	@5.00
6	PLU0006		@60.00!!
			0.00

PLU 1st @
PLU 2nd q'ty/@

No.	Descriptor	Qty	Price
1	PLU0001		@1,234.00
	PLU0001	12.26	@1.00
2	PLU0002		@20.00
	PLU0002	0.00	@2.00
3	PLU0003		@30.00
	PLU0003	0.50	@3.00
4	PLU0004		@40.00
	PLU0004	1.75	@4.00
5	PLU0005		@50.00
	PLU0005	2.80	@5.00
6	PLU0006		@60.00!!
			0.00

No.	Descriptor	Qty	Price
1	PLU0001		@1,234.00
	PLU0001	12.26	@1.00
2	PLU0002		@20.00
	PLU0002	0.00	@2.00
3	PLU0003		@30.00
	PLU0003	0.50	@3.00
4	PLU0004		@40.00
	PLU0004	1.75	@4.00
5	PLU0005		@50.00
	PLU0005	2.80	@5.00
6	PLU0006		@60.00!!
			0.00

6. Select "Qty" or "Price" field by the cursor keys and enter the unit q'ty/unit price and press the <YES> key to fix them. Pressing <YES> twice programs the same unit q'ty/unit price to the next record.

7. Press the <ESC> key to return to the previous menu.

Program 1

6-2-4 Programming subdepartment unit price

Operation

Unit Price/Qty

Unit Price/Qty
1.PLU
2.PLU 2nd@
3.PLU & PLU 2nd@
4.Sub-Department
5.Department
6.Range
7.PLU -> 2nd@ Copy
8.AMT / Rate to Key

0 . 00

4. Select "4. Sub-Department" and press the <YES> key.

Unit Price/Qty

Sub-Department
1.SUBDEPT01
2.SUBDEPT02
3.SUBDEPT03
4.SUBDEPT04

0 . 00

5. Select the subdepartment directly or by entering record No. and press the <YES> key.

No.	Descriptor	Price
1	SUBDEPT01	@10.00
2	SUBDEPT02	@20.00
3	SUBDEPT03	@30.00
4	SUBDEPT04	@40.00

0 . 00

6. Enter the unit price and press the <YES> key to fix them. Pressing <YES> twice programs the same unit price to the next record.

7. Press the <ESC> key to return to the previous menu.

6-2-5 Programming department unit price

Operation

Unit Price/Qty

Unit Price/Qty
1.PLU
2.PLU 2nd@
3.PLU & PLU 2nd@
4.Sub-Department
5.Department
6.Range
7.PLU -> 2nd@ Copy
8.AMT / Rate to Key

0 . 00

4. Select "5. Department" and press the <YES> key.

Unit Price/Qty

Department	
1. DEPT01	
2. DEPT02	
3. DEPT03	
4. DEPT04	

0 . 0 0

5. Select the department directly or by entering record No. and press the <YES> key.

No.	Descriptor	Price
1	DEPT01	@10.00
2	DEPT02	@20.00
3	DEPT03	@30.00
4	DEPT04	@40.00

0 . 0 0

6. Enter the unit price and press the <YES> key to fix them. Pressing <YES> twice programs the same unit price to the next record.

7. Press the <ESC> key to return to the previous menu.

6-2-6 Programming PLU / PLU 2nd@ / subdepartment / department unit price by range Operation

Unit Price/Qty

Unit Price/Qty	
1. PLU	
2. PLU 2nd@	
3. PLU & PLU 2nd@	
4. Sub-Department	
5. Department	
6. Range	
7. PLU -> 2nd@ Copy	
8. AMT / Rate to Key	

0 . 0 0

4. Select "6. Range" and press the <YES> key.

Unit Price/Qty

Range	
1. PLU	
2. PLU 2nd@	
3. Sub-Department	
4. Department	

0 . 0 0

5. Select the subject you want to modify, "PLU / PLU 2nd@ / Sub-Department / Department" and press the <YES> key.

Program 1

Unit Price/Qty	
Price	0.00
Enter Start range	0
End range	0
OK?	YES
0.00	

Unit Price/Qty	
Price	10.00
Enter Start range	0
End range	0
OK?	YES
0.00	

Unit Price/Qty	
Price	10.00
Enter Start range	0
End range	0
OK?	YES
0.00	

6. Enter the unit price (and Qty for PLU 2nd@) and press the <YES> key.

7. Enter the start range No. and press the <YES> key.
(It starts "0001" if you skip to enter the start range.)
Then enter the end range No. and press the <YES> key.
(It ends the last record if you skip to enter the end range.)

Unit Price/Qty	
Price	10.00
Enter Start range	12
End range	25
OK?	YES
0.00	

8. Press the <YES> key to return to the previous menu.

6-2-7 Copying PLU unit price to PLU 2nd unit price

Operation

```
Unit Price/Qty
-----
Unit Price/Qty
1.PLU
2.PLU 2nd@
3.PLU & PLU 2nd@
4.Sub-Department
5.Department
6.Range
7.PLU -> 2nd@ Copy
8.AMT / Rate to Key  !
-----
0.00
```

4. Select “7. PLU -> 2nd@ Copy” and press the <YES> key.

```
Unit Price/Qty
-----
PLU -> 2nd@ Copy
Enter Start range 123
End range 0
OK? YES
-----
0.00
```

5. Enter the start range No. and press the <YES> key.
(It starts “0001” if you skip to enter the start range.)
Then enter the end range No. and press the <YES> key.
(It ends the last record if you skip to enter the end range.)

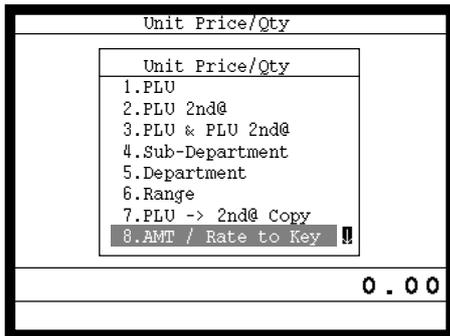
```
Unit Price/Qty
-----
PLU -> 2nd@ Copy
Enter Start range 123
End range 999
OK? YES
-----
0.00
```

6. Press the <YES> key to return to the previous menu.

Program 1

6-2-8 Programming amount or rate to keys

Operation



4. Select “8.AMT/Rate to Key” and press the <YES> key.

5. a) Function keys

Enter the unit price or rate and press the corresponding key.
(CA, CHK, NB, +, -, CPN, %+, %-, CE)

b) PLU

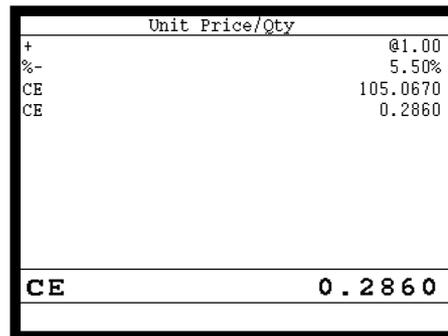
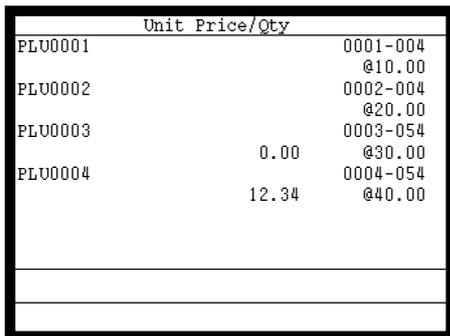
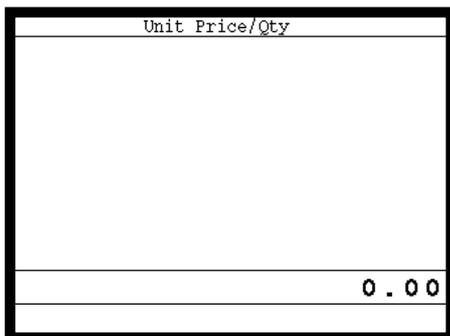
Enter the PLU No., press the <PLU> key, enter the unit price and press the <YES> key. Pressing <YES> twice programs the same unit price to the next record.

Or enter the unit price and press the appropriate <Flat PLU> key directly.

c) PLU 2nd @

Enter the PLU No., press the <PLU> key, enter unit q'ty (6-digits; integer part + decimal part without decimal point) and unit price (6-digits), and press the <2nd@> key and <YES> key.

Or enter unit q'ty (6-digits; integer part + decimal part without decimal point) and unit price (6-digits), and press the <2nd@> key and press the appropriate <Flat PLU> key directly.



6. Press the <ESC> key to return to the previous menu.

6-2-9 Programming unit price of shift PLU

Operation

Unit Price/Qty	
Unit Price/Qty	
2.PLU 2nd@	
3.PLU & PLU 2nd@	
4.Sub-Department	
5.Department	
6.Range	
7.PLU -> 2nd@ Copy	
8.AMT / Rate to Key	
9.Shift PLU	!!
0.00	

4. Select "9. Shift PLU" and press the <YES> key.

Unit Price/Qty	
Shift PLU	
1.2nd Price	
2.3rd Price	
3.4th Price	
4.5th Price	
5.6th Price	
6.7th Price	
7.8th Price	
0.00	

5. Select the shift level and press the <YES> key.

Unit Price/Qty	
Shift PLU	
1.PLU0001	
2.PLU0002	
3.PLU0003	
4.PLU0004	
5.PLU0005	
6.PLU0006	
7.PLU0007	
8.PLU0008	!!
0.00	

6. Select the PLU directly, or by entering record No. and press the <YES> key or by entering random code and press the <PLU> key. In this step, you can use "Character search" to select the item. (Refer to page 33 of this manual.)

No.	Descriptor	Price
1	PLU0001	@10.00
2	PLU0002	@20.00
3	PLU0003	@30.00
4	PLU0004	@40.00
5	PLU0005	@50.00
6	PLU0006	@60.00
7	PLU0007	@70.00
8	PLU0008	@80.00
9	PLU0009	@90.00
10	PLU0010	@1.00
11	PLU0011	@100.00 !!
0.00		

7. Enter unit price and press the <YES> key to fix them.
Pressing <YES> twice programs the same unit price to the next record.

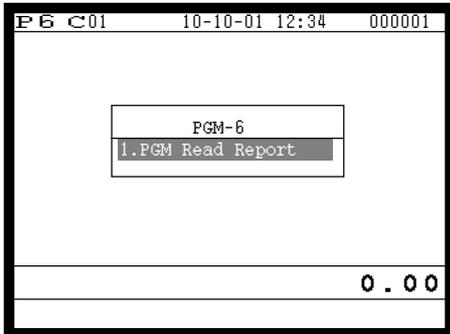
8. Press the <ESC> key to return to the previous menu.

7. Program 6	P-174
7-1. Program read general procedure	P-174
7-2. Program read report sample	P-175
7-2-1 Unit Price / Qty	P-175
7-2-2 Item Descriptor	P-176
7-2-3 Character and Message	P-176
7-2-4 Machine feature	P-178
7-2-5 Clerk	P-202
7-2-6 Key feature	P-214
7-2-7 Keyboard	P-219
7-2-8 Memory allocation	P-219

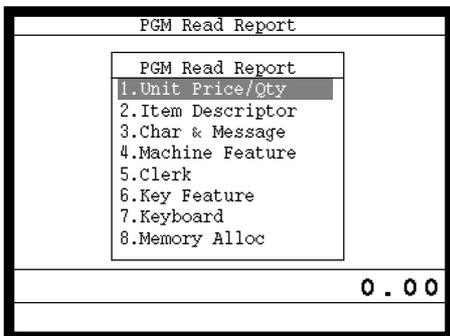
7. Program 6

7-1. Program read general procedure

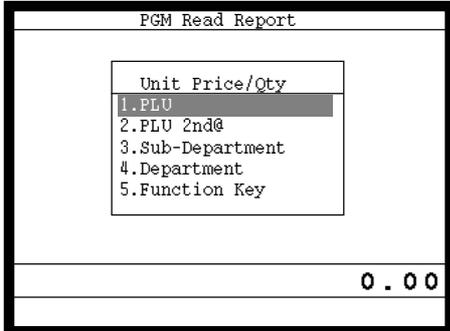
Operation:



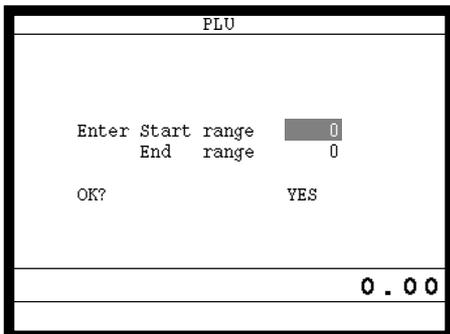
1. Sign on a clerk (if necessary).
2. Press <PGM MODE> repeatedly or “6” <PGM MODE> to assign Program 6 mode.



3. Press the <YES> key.



4. Select an appropriate job and press the <YES> key.



5. Select an appropriate job and press the <YES> key.
The program read report is issued.
If the job requires range designation, the next screen will be appeared.

6. Enter the start and end range and press the <YES> key.
The program read report is issued from the printer.

7-2. Program read report sample

7-2-1 Unit Price / Qty

7-2-1-1. PLU unit price

PLU0001			PLU descriptor
0001-004	@12.34		Record No. / File No. / Unit Price
	0001-055		Shift PLU
	@2.00		2nd unit price
	@3.00		3rd unit price
	@4.00		4th unit price
	@5.00		5th unit price
	@6.00		6th unit price
	@7.00		7th unit price
	@8.00		8th unit price
PLU0002			
0002-004	@1.00		
	0002-055		

7-2-1-2. PLU 2nd unit price

PLU0001			PLU 2nd descriptor
0001-054	2	@23.45	Record No. / File No. / Unit quantity / 2nd unit Price
PLU0002			
0002-054	1	@10.00	
PLU0003			
0003-054	0	@2.00	Note: No PLU 2nd unit price file is allocated after initialization.

7-2-1-3. Subdepartment

SUBDEPT01			Subdepartment descriptor
0001-003	@1.00		Record No. / File No. / Unit Price
SUBDEPT02			
0002-003	@2.00		
SUBDEPT03			
0003-003	@3.34		Note: No subdepartment file is allocated after initialization.

7-2-1-4. Department

DEPT01			Department descriptor
0001-005	@12.34		Record No. / File No. / Unit Price
DEPT02			
0002-005	@2.34		
DEPT03			
0003-005	@1.34		

7-2-1-5. Function key

%-	0013-002		Function key descriptor / Record No. / File No.
	0%		Unit Price, percent rate or conversion rate
-	0018-002		
	@0.00		
CASH	0035-002		
	@0.00		

7-2-2 Item Descriptor

7-2-2-1. PLU

PLU0001	PLU descriptor
0001-004	Record No. / File No.
PLU0002	

7-2-2-2. PLU 2nd unit price

PLU0001	PLU 2nd descriptor
0001-054	Record No. / File No.
PLU0002	

7-2-2-3. Subdepartment

SUBDEPT01	0001-003	Subdepartment descriptor / Record No. / File No.
SUBDEPT02	0002-003	
SUBDEPT03	0003-003	

7-2-2-4. Department

DEPT01	0001-005	Department descriptor / Record No. / File No.
DEPT02	0002-005	
DEPT03	0003-005	

7-2-2-5. Function key

RCT	0001-002	Function key descriptor / Record No. / File No.
NEW/OLD	0002-002	
RC	0003-002	
DISP ON/OFF	0004-002	
CLK#1	0005-002	

7-2-3 Character and Message

7-2-3-1. Receipt/Slip message

0001-032	YOUR RECEIP	Record No. / File No.
T		Receipt message *
0002-032	YOUR RECEIPT	
0003-032	:	
	:	

* Receipt message : Refer to page 154 in PGM 2 mode.

7-2-3-2. Text recall

0001-039	TEXT RECALL MESSAGE 01	Record No. / File No.
0002-039		Text recall message
	:	
	:	
0010-039		

7-2-3-3. Order character

ORDER CHAR 1	0001-065	Order character / Record No. / File No.
ORDER CHAR 2	0002-065	
ORDER CHAR 10	0010-065	

7-2-3-4. Fixed totalizer

GROSS	0001-001	Descriptor * / Record No. / File No.
NET	0002-001	
CAID	0003-001	
DECLARE	0085-001	

* Descriptor of fixed total: Refer to page 156 in PGM 2 mode.

7-2-3-5. Group character

GROUP01	0001-006	Group character / Record No. / File No.
GROUP02	0002-006	
GROUP03	0003-006	

7-2-3-7. Special character

. @No / *	0001-023	Special character * / Record No. / File No.
NoCTX COVERS	0002-023	
X BUSY	0003-023	
T6 T7 T8 T9 T10	0058-023	

* Special character: Refer to page 158 in PGM 2 mode.

7-2-3-8. Report header

FIXED TTL	0001-024	Report header * / Record No. / File No.
FREE FUNCTION	0002-024	
SUB DEPT	0003-024	
TIME ATTENDANCE	0017-024	

* Report header: Refer to page 159 in PGM 2 mode.

7-2-3-9. Endorse message

0001-033	Record No. / File No.	
ENDORSE MESSAGE 1		Endorse message
0002-033		
ENDORSE MESSAGE 2		
0003-033	Record No. / File No.	
ENDORSE MESSAGE 3		Endorse message

7-2-3-10. GT character

GT1	0001-020	GT character / Record No. / File No.
GT2	0002-020	
GT3	0003-020	

Program 6

7-2-4 Machine feature

7-2-4-1. Pulldown group

LIST01	0001-026
	000000 000000
0101-004	PLU0101
0102-004	PLU0102
0103-004	PLU0103
	⋮
	⋮
0120-004	PLU0120

Record No. / File No.

0000D₁₆₈D₁₆₇D₆~D₁

Link PLU record No. / File No. / Descriptor

Description	Choice	Program code
Maximum number of stay down Status = 0 The number of stay down = 1 ~ 8, No limit = 9	Significant number	<input type="checkbox"/> D ₁₆₈
Minimum number of stay down Status = 0 The number of stay down = 1 ~ 8, No limit = 9	Significant numbers	<input type="checkbox"/> D ₁₆₇
PLU / Pulldown group Record number (1)	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₁₆₆ D ₁₆₅ D ₁₆₄ D ₁₆₃
Always "0"		<input type="checkbox"/> D ₁₆₂
PLU / Pulldown group File number (1)	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₁₆₁ D ₁₆₀ D ₁₅₉
PLU / Pulldown group Record number (2)	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₁₅₈ D ₁₅₇ D ₁₅₆ D ₁₅₅
Always "0"		<input type="checkbox"/> D ₁₅₄
PLU / Pulldown group File number (2)	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₁₅₃ D ₁₅₂ D ₁₅₁
⋮		
PLU / Pulldown group Record number (20)	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₁₄ D ₁₃ D ₁₂ D ₁₁
Always "0"		<input type="checkbox"/> D ₁₀
PLU / Pulldown group File number (20)	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₉ D ₈ D ₇
Always "000000"		<input type="checkbox"/> ~ <input type="checkbox"/> D ₆ ~ D ₁

7-2-4-2. Set menu table

0001-028	Record No. / File No.
0001-004 PLU0001	Link PLU, PLU 2nd@, Pulldown group
0002-054 PLU0002	Record No. / File No. / Descriptor
0003-004 PLU0003	
0002-028	
0003-028	
⋮	
⋮	

7-2-4-3. Arrangement

0001-038	Record No. / File No.
ABCDEF	Parameter
0002-038	
⋮	
⋮	

7-2-4-4. Batch X/Z

0001-029	001112151700000000	Record No. / File No. / Parameter *
0002-029	101112151700000000	
0003-029	011112151700000000	
⋮		
⋮		

* Parameter: Refer to the worksheet of batch X/Z on page 38 in PGM 3 mode.

7-2-4-5. General feature

D₁₂D₁₁D₁₀D₉D₈D₇D₆D₅D₄D₃D₂D₁

0001-022	220000000000	Record No. / File No. / Parameter *
0002-022	000000000000	*
0003-022	000000000000	*
0004-022	000000000000	*
0005-022	000000002002	*
0006-022	000000000200	*
⋮		
⋮		
0036-022	000000000000	*
0037-022	000000000000	*

* Refer to each record format.

Record 0001-022

Description	Choice	Program code
Date order: Year/Month/Day = 0/1, Day/Month/Year = 2, Month/Day/Year = 3	Significant number (0 ~ 3)	<input type="checkbox"/> D ₁₂
Monetary mode: 0 = 0, 0.0 = 1, 0.00 = 2, 0.000 = 3	Significant number (0 ~ 3)	<input type="checkbox"/> D ₁₁
Always "00000"		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₁₀ D ₉ D ₈ D ₇ D ₆
Always "00000"		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₅ D ₄ D ₃ D ₂ D ₁

Program 6

Record 0002-022

Description	Choice	Program code
Machine number	Significant number	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₄ D ₃ D ₂ D ₁

Record 0003-022

Description	Choice	Program code
Reset consecutive number after daily fixed totalizer reset report is issued.	No = 0 Yes = 1	<input type="checkbox"/> D ₈
Always "0"		<input type="checkbox"/> 0 D ₇
Consecutive number start value: (Consecutive number starts this value +1.)		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₆ D ₅ D ₄ D ₃ D ₂ D ₁

Record 0004-022

Description	Choice	Program code
Food stamp system: Payable = 0, Illinois rule = 1, New Jersey rule = 2	Significant number (0 ~ 2)	<input type="checkbox"/> D ₁₁
Rounding: No rounding = 0, IF1 = 1, IF2 = 2, Denmark = 3, Norway = 4, Singapore = 5, Australia = 6, Finland = 7	Significant number (0 ~ 7)	<input type="checkbox"/> D ₁₀
Tax system: SINGLE TAX (1 ~ 10) = 0, U.S. = 1, Canada = 2, Singapore = 3	Significant number (0 ~ 3)	<input type="checkbox"/> D ₉
Always "0"		<input type="checkbox"/> D ₈
Allow amount tender in REF / REG- mode operation.	a Yes = 0 No = 2	<input type="checkbox"/> (a+b) D ₇
Cash drawer opening: ① Immediately when the transaction is finalized. ② After validation compulsory is released.	b ① = 0 ② = 4	
Tax exempt quantity of Donuts tax, in case of selecting "Canada tax". ("0" means "No Donuts tax".)	Significant number (0 ~ 9)	<input type="checkbox"/> D ₆
Always "0"		<input type="checkbox"/> 0 D ₅
High amount limit specification for money in drawer amount. (Sentinel function)	Maximum value (0 ~ 9)	<input type="checkbox"/> <input type="checkbox"/> D ₄ D ₃
	Number of zeros (0 ~ 9)	
Always "00"		<input type="checkbox"/> <input type="checkbox"/> D ₂ D ₁

Record 0005-022

Description		Choice	Program code
Always issue a receipt.		No = 0 Yes = 1	<input type="checkbox"/> D ₁₁
Print total line during finalization.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₁₀
Time system: ① 24 hour system, ② 12 hour system	b	① = 0 ② = 2	
Feed one line after issuing receipt.	c	No = 0 Yes = 4	
Receipt print: ① At the same time when registrations are made. ② Buffered print when the finalize operation is made.		① = 0 ② = 2	<input type="checkbox"/> D ₉
Breakdown set menu printing. (Receipt, slip, guest receipt and display)		No = 0 Yes = 4	<input type="checkbox"/> D ₈
Always "000"			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₇ D ₆ D ₅
Print number of item sold.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D ₄
Print tax symbols.	b	Yes = 0 No = 2	
Print finalization of single item receipt.	c	Yes = 0 No = 4	
Ignore paper end of the internal R/J printer.		Yes = 0 No = 1	<input type="checkbox"/> D ₃
Print number of customers on header by double sized character.	a	No = 0 Yes = 2	<input type="checkbox"/> (a+b) D ₂
Print unit price on receipt.	b	No = 0 Yes = 4	
Print clear key operation.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D ₁
Print number of customers on header.	b	Yes = 0 No = 2	
Print PLU No. on receipt. (REG / REF / REG- mode only)	c	No = 0 Yes = 4	

Program 6

Record 0006-022

Description		Choice	Program code
Take over the taxable status and commission status of the previous item to + / - key.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₁₂
Restrict 0 or 5 on the last digit.	b	No = 0 Yes = 2	
Display operator guidance.	c	Yes = 0 No = 4	
Always "0"			<input type="checkbox"/> 0 D ₁₁
Force to declare the money in drawer. (Inline X/Z)	a	No = 0 Yes = 2	<input type="checkbox"/> (a+b) D ₁₀
Force to declare the money in drawer.	b	No = 0 Yes = 4	
Force to press subtotal before finalization.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D ₉
Allow credit balance while finalization.	b	Yes = 0 No = 2	
Allow multiple refund/register minus mode operation.	c	Yes = 0 No = 4	
Affect the result of + / -, %+ / %- to the item. (Net totalling)	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b) D ₈
Include add-on tax in net total.	b	Yes = 0 No = 2	
Include commission in net total.		Yes = 0 No = 2	<input type="checkbox"/> D ₇
Sounds key confirmation tone.	a	Yes = 0 No = 2	<input type="checkbox"/> (a+b) D ₆
Allow to issue post receipt, even if the original one is issued.	b	No = 0 Yes = 4	
Connect slit drawer.		No = 0 Yes = 4	<input type="checkbox"/> D ₅
Prohibit registration when the stock quantity becomes negative.	a	Yes = 0 No = 2	<input type="checkbox"/> (a+b) D ₄
Alert when the stock quantity becomes under minimum stock quantity.	b	No = 0 Yes = 4	
Affect to stock quantity even if the refund operation.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D ₃
Merge refund item registration to the original one. (Item consolidation)	b	No = 0 Yes = 2	
Allow one registration of + / -, %+ / %- per one transaction.	c	No = 0 Yes = 4	
Round on the least significant digit of %+ / %- registration.		No = 0 Yes = 1	<input type="checkbox"/> D ₂
Allow numeric entry while compulsory drawer opening.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₁
Use <YES> key to select an item while registering by Pulldown.	b	Yes = 0 No = 2	
PLU numbering: Use memory No. (Sequential) = 0, Use random code = 4	c	Significant number	

Record 0008-022

Description		Choice	Program code
Print gross total.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₁₂
Print net total.	b	Yes = 0 No = 2	
Print cash in drawer.	c	Yes = 0 No = 4	
Print cash in drawer difference. (not used)	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₁₁
Print charge in drawer.	b	Yes = 0 No = 2	
Print charge in drawer difference. (not used)	c	Yes = 0 No = 4	
Print check in drawer.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₁₀
Print check in drawer difference. (not used)	b	Yes = 0 No = 2	
Print credit in drawer.	c	Yes = 0 No = 4	
Print credit in drawer difference. (not used)	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₉
Print food stamp in drawer.	b	Yes = 0 No = 2	
Print food stamp cash change.	c	Yes = 0 No = 4	
Print EBT in drawer.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₈
Print EBT cash change.	b	Yes = 0 No = 2	
Print refund mode total.	c	Yes = 0 No = 4	
Print number of customers.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b) D ₇
Print average sales per customer.	b	Yes = 0 No = 2	
Print check cashing fee total.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b) D ₆
Print new balance fee total.	b	Yes = 0 No = 2	
Print commission 1 total.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₅
Print commission 2 total.	b	Yes = 0 No = 2	
Print foreign currency in drawer.	c	Yes = 0 No = 4	
Print discount/coupon total.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₄
Print refund total.	b	Yes = 0 No = 2	
Print clear counter.	c	Yes = 0 No = 4	
Print rounding total.		Yes = 0 No = 2	<input type="checkbox"/> D ₃
Always "00"			<input type="checkbox"/> <input type="checkbox"/> D ₂ D ₁

Program 6

Record 0009-022

Description		Choice	Program code
Print taxable amount 1.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₁₀
Print tax 1.	b	Yes = 0 No = 2	
Print tax exempt 1.	c	Yes = 0 No = 4	
Print taxable amount 2.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₉
Print tax 2.	b	Yes = 0 No = 2	
Print tax exempt 2.	c	Yes = 0 No = 4	
Print taxable amount 3.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₈
Print tax 3.	b	Yes = 0 No = 2	
Print tax exempt 3.	c	Yes = 0 No = 4	
Print taxable amount 4.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₇
Print tax 4.	b	Yes = 0 No = 2	
Print tax exempt 4.	c	Yes = 0 No = 4	
Print taxable amount 5.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₆
Print tax 5.	b	Yes = 0 No = 2	
Print tax exempt 5.	c	Yes = 0 No = 4	
Print taxable amount 6.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₅
Print tax 6.	b	Yes = 0 No = 2	
Print tax exempt 6.	c	Yes = 0 No = 4	
Print taxable amount 7.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₄
Print tax 7.	b	Yes = 0 No = 2	
Print tax exempt 7.	c	Yes = 0 No = 4	
Print taxable amount 8.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₃
Print tax 8.	b	Yes = 0 No = 2	
Print tax exempt 8.	c	Yes = 0 No = 4	
Print taxable amount 9.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₂
Print tax 9.	b	Yes = 0 No = 2	
Print tax exempt 9.	c	Yes = 0 No = 4	
Print taxable amount 10.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₁
Print tax 10.	b	Yes = 0 No = 2	
Print tax exempt 10.	c	Yes = 0 No = 4	

Record 0010-022

Description		Choice	Program code
Print taxable amount 1.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₁₂
Print taxable amount 2.	b	Yes = 0 No = 2	
Print taxable amount 3.	c	Yes = 0 No = 4	
Print taxable amount 4.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₁₁
Print taxable amount 5.	b	Yes = 0 No = 2	
Print taxable amount 6.	c	Yes = 0 No = 4	
Print taxable amount 7.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₁₀
Print taxable amount 8.	b	Yes = 0 No = 2	
Print taxable amount 9.	c	Yes = 0 No = 4	
Print taxable amount 10.		Yes = 0 No = 1	<input type="checkbox"/> D ₉
Always "000"			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₈ D ₇ D ₆
Prohibit registration, ① while all drawers open, ② while clerk's own drawer opens.	a	① = 0 ② = 1	<input type="checkbox"/> (a+b) D ₅
Ignore compulsory drawer sensor.	b	No = 0 Yes = 2	
Till timer (00 ~ 59 minutes)		Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D ₄ D ₃
Till timer (00 ~ 59 seconds)		Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D ₂ D ₁

Program 6

Record 0012-022

Description	Choice	Program code
Print grand total 1 (periodic 1 & 2 reset report only).	a Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₆
Print grand total 2 (periodic 1 & 2 reset report only).	b Yes = 0 No = 2	
Print grand total 3 (periodic 1 & 2 reset report only).	c Yes = 0 No = 4	
Print grand total 1 (daily reset report only).	a Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₅
Print grand total 2 (daily reset report only).	b Yes = 0 No = 2	
Print grand total 3 (daily reset report only).	c Yes = 0 No = 4	
Always "000"		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₄ D ₃ D ₂
Print the average of the monthly report.	Yes = 0 No = 1	<input type="checkbox"/> D ₁

Record 0013-022

Description	Choice	Program code
Broadcast the program data after completion of a program.	No = 0 Yes = 1	<input type="checkbox"/> D ₁₂
Always "000"		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₁₁ D ₁₀ D ₉
Print Z collection / consolidation result.	a Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₈
Reset Z collection / consolidation result.	b Yes = 0 No = 2	
Copy stock quantity from consolidation file to daily file after Z consolidation.	c No = 0 Yes = 4	
Retry to poll the terminal which has not responded for the first polling.	a Yes = 0 No = 2	<input type="checkbox"/> (a+b) D ₇
Allow inline master operation.	b Yes = 0 No = 4	
Issue consolidation file reset report of the master terminal before Z collection/consolidation.	Yes = 0 No = 4	<input type="checkbox"/> D ₆
Source file selection: ① Terminal file, ② Consolidation file	a ① = 0 ② = 1	<input type="checkbox"/> (a+b) D ₅
Add terminal file data to the consolidation file after Z operation.	b Yes = 0 No = 4	
Always "0000"		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₄ D ₃ D ₂ D ₁

Record 0014-022

Description		Choice	Program code												
Display fixed totalizer read report.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D ₁₂												
Display transaction read report.	b	No = 0 Yes = 2													
Display department / subdepartment read report.	c	No = 0 Yes = 4													
Display PLU / stock read report.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b) D ₁₁												
Display group read report.	b	No = 0 Yes = 4													
Display clerk read report.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D ₁₀												
Display hourly / monthly read report.	b	No = 0 Yes = 2													
Display open check read report.	c	No = 0 Yes = 4													
Display table analysis read report.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b) D ₉												
Display electronic journal read report.	b	No = 0 Yes = 4													
Display hourly item read report.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D ₈												
Display employee read report.	b	No = 0 Yes = 2													
Display hourly / labor read report.	c	No = 0 Yes = 4													
Always "000000".			<table border="1" style="border-collapse: collapse; text-align: center;"> <tr> <td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td> </tr> <tr> <td>D₇</td><td>D₆</td><td>D₅</td><td>D₄</td><td>D₃</td><td>D₂</td> </tr> </table>	0	0	0	0	0	0	D ₇	D ₆	D ₅	D ₄	D ₃	D ₂
0	0	0	0	0	0										
D ₇	D ₆	D ₅	D ₄	D ₃	D ₂										
Display employee activity read report.	a	No = 0 Yes = 2	<input type="checkbox"/> (a+b) D ₁												
Display financial report.	b	No = 0 Yes = 4													

Program 6

Record 0015-022

Description		Choice	Program code
Zero-skip department / subdepartment report.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b) D ₁₂
Zero-skip clerk report.	b	Yes = 0 No = 2	
Zero-skip transaction report.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₁₁
Zero-skip PLU report.	b	Yes = 0 No = 2	
Zero-skip hourly report.	c	Yes = 0 No = 4	
Zero-skip group report.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₁₀
Zero-skip monthly report.	b	Yes = 0 No = 2	
Zero-skip table analysis report.	c	Yes = 0 No = 4	
Zero-skip hourly item report.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b) D ₉
Zero-skip hourly labor report.	b	Yes = 0 No = 2	
Zero-skip shift PLU.		Yes = 0 No = 1	<input type="checkbox"/> D ₈
Always "00"			<input type="checkbox"/> <input type="checkbox"/> D ₇ D ₆
Prohibit "OPEN CHECK Z".	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D ₅
Open drawer while issuing fixed total or financial total report.	b	Yes = 0 No = 2	
Print PLU No. on the PLU report.	c	No = 0 Yes = 4	
Print sales ratio.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D ₄
Issue double Z report.	b	No = 0 Yes = 2	
Print the recalculate value of taxable and tax amount of VAT.	c	No = 0 Yes = 4	
Print consecutive No. range of the day on the fixed total report.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b) D ₃
Reset stock after batch reset report.	b	No = 0 Yes = 4	
Print reset counter.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₂
Print item discount totalizer.	b	No = 0 Yes = 2	
Printing order of PLU report: ① Memory No. (sequential), ② Random code	c	① = 0 ② = 4	
Always "0"			<input type="checkbox"/> D ₁

Record 0016-022

Description	Choice	Program code
Interval time of hourly report (00 ~ 23 hours)	Significant number	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> D ₈ D ₇ D ₆ D ₅
Interval time of hourly report (00 ~ 59 minutes): ("0000" means 01:00.)		Significant number	D_{4} D_{3} D_{2} D_{1}
Start time of hourly report (00 ~ 23 hours)	Significant number		D_{4} D_{3} D_{2} D_{1}
Start time of hourly report (00 ~ 59 minutes)		

Program 6

Record 0017-022

Description		Choice	Program code
Money declaration compulsory (cash). (not used)	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D ₁₀
Money declaration compulsory (charge). (not used)	b	No = 0 Yes = 2	
Money declaration compulsory (check). (not used)	c	No = 0 Yes = 4	
Money declaration compulsory (credit). (not used)	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b) D ₉
Print double-height characters in internal printer and UP-350.	b	No = 0 Yes = 2	
Classify registered items by group in receipt.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D ₈
Classify registered items by department in receipt.	b	No = 0 Yes = 2	
Classified item printing format: ① Total, ② Detail with total	c	① = 0 ② = 4	
Include VAT amount in commission subtotal.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b) D ₇
Print total line in classified item printing.	b	Yes = 0 No = 2	
Rounding of commission: Round off = 0, cut off = 1, round up = 2		Significant number	<input type="checkbox"/> D ₆
Append two zeros in unit price programming.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D ₅
Capture the details of guest receipt copy in electronic journal.	b	No = 0 Yes = 2	
Skip the consecutive No. of the electronic journal.	c	No = 0 Yes = 4	
Print date on receipt.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₄
Print date on journal.	b	Yes = 0 No = 2	
Print consecutive number on receipt / journal.	c	Yes = 0 No = 4	
Print time on receipt.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₃
Print time on journal.	b	Yes = 0 No = 2	
Merge the same department / subdepartment / PLU registration on receipt. (Item consolidation)	c	No = 0 Yes = 4	
Auto-cut receipt / report.		No = 0 Yes = 1	<input type="checkbox"/> D ₂
Always "0"			<input type="checkbox"/> 0 D ₁

Record 0018-022

Description		Choice	Program code
Maximum printing lines of slip (00 ~ 99)		Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D ₁₀ D ₉
Classify registered items by group on slip & guest receipt.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D ₈
Classify registered items by department on slip & guest receipt.	b	No = 0 Yes = 2	
Classified item printing format: ① Total, ② Detail with total	c	① = 0 ② = 4	
Print total line in classified item printing format.		Yes = 0 No = 2	<input type="checkbox"/> D ₇
Always "0"			<input type="checkbox"/> 0 D ₆
Slip back feed after slip printing. *	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D ₅
Slip back feed after validation printing. *	b	No = 0 Yes = 2	
Slip back feed after check printing / check endorsement printing.*	c	No = 0 Yes = 4	
Print date on slip & guest receipt.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₄
Print time on slip & guest receipt.	b	Yes = 0 No = 2	
Print consecutive No. on slip & guest receipt.	c	Yes = 0 No = 4	
Slip print range: ① From the top of the transaction, ② This receipt	a	① = 0 ② = 1	<input type="checkbox"/> (a+b+c) D ₃
Enable slip auto line find.	b	No = 0 Yes = 2	
Merge the same department / subdepartment / PLU registration on slip & guest receipt. (Item consolidation)	c	No = 0 Yes = 4	
Slip auto feed lines.		Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D ₂ D ₁

* These programs are only effective for SP-1300.

Program 6

Record 0019-022

Description	Choice	Program code
Journal compressed print (print journal in half height character.)	No = 0 Yes = 1	<input type="checkbox"/> D ₄
Always "0"		<input type="checkbox"/> D ₃
Record operations in training mode on journal / electronic journal.	Yes = 0 No = 2	<input type="checkbox"/> D ₂
Alert electronic journal memory near-end / full error.	Yes = 0 No = 1	<input type="checkbox"/> D ₁

Record 0020-022

Description	Choice	Program code
Print receipt logo message.	a No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D ₁₂
Print receipt commercial message.	b No = 0 Yes = 2	
Print receipt bottom message.	c No = 0 Yes = 4	
Print slip commercial message.	a No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D ₁₁
Print slip bottom message.	b No = 0 Yes = 2	
Print slip intermediate message.	c No = 0 Yes = 4	
Print bill top message.	a No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D ₁₀
Print bill copy message.	b No = 0 Yes = 2	
Print bill bottom message.	c No = 0 Yes = 4	
Receipt logo data: ① Character type, ② Graphic type	a ① = 0 ② = 1	<input type="checkbox"/> (a+b+c) D ₉
Print commercial message on X/Z report.	b No = 0 Yes = 2	
Print watermark on receipts.	c No = 0 Yes = 4	
Always "0000"		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₈ D ₇ D ₆ D ₅
Always "0000"		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₄ D ₃ D ₂ D ₁

Record 0021-022

Description		Choice	Program code
Print order with order character.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b) D ₁₂
Print order with amount.	b	No = 0 Yes = 2	
Print double bon message.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b) D ₁₁
Breakdown set menu printing on order.	b	No = 0 Yes = 4	
Alert when the order printer is down.		Yes = 0 No = 1	<input type="checkbox"/> D ₁₀
Always "00000"			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₉ D ₈ D ₇ D ₆ D ₅
Cut order.	a	No = 0 Yes = 2	<input type="checkbox"/> (a+b) D ₄
Print hyphens.	b	No = 0 Yes = 4	
Output orders during training.	a	No = 0 Yes = 2	<input type="checkbox"/> (a+b) D ₃
Merge the same department / subdepartment / PLU registration on order receipt. (Item consolidation)	b	No = 0 Yes = 4	
No. of feed lines before order cutting. (0 ~ 9)		Significant number	<input type="checkbox"/> D ₂
No. of feed lines after order cutting. (0 ~ 9)		Significant number	<input type="checkbox"/> D ₁

Record 0022-022

Description	Choice	Program code
Start record number of scanning PLU link.	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₁₂ D ₁₁ D ₁₀ D ₉
Always "00000000"		<input type="checkbox"/> ~ <input type="checkbox"/> D ₈ ~ D ₁

Record 0023-022

Description		Choice	Program code
Print "TAX INVOICE" on receipts.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D ₁₂
Print "DUPLICATE" on receipts.	b	No = 0 Yes = 2	
Print rounding amount on receipts.	c	No = 0 Yes = 4	
Always "000000000000"			<input type="checkbox"/> ~ <input type="checkbox"/> D ₁₁ ~ D ₁

Program 6

Record 0024-022

Description	Choice	Program code
Restriction (to 0, 5) on last digit for check cashing.	No = 0 Yes = 1	<input type="checkbox"/> D ₁₂
Always "000000000"		<input type="checkbox"/> 0 ~ <input type="checkbox"/> 0 D ₁₁ ~ D ₃
Restriction (to 0, 5) on last digit for RC, PD, LOAN, PICK UP, DEPOSIT.	No = 0 Yes = 4	<input type="checkbox"/> D ₂
Always "0"		<input type="checkbox"/> 0 D ₁

Record 0025-022

Description	Choice	Program code
Calculate detail item prices in set menu. (If "No", calculate only quantity and stock.)	Yes = 0 No = 2	<input type="checkbox"/> D ₂
Set menu / Pulldown link type: Fast food = 1, Fine dining quantity = 2	Significant number	<input type="checkbox"/> D ₁

Record 0026-022

Description	Choice	Program code
Check tracking method: ① Check No., ② Table No.	a ① = 0 ② = 1	<input type="checkbox"/> (a+b+c) D ₉
Auto new balance by removing clerk key	b No = 0 Yes = 2	
Maximum digit of check No.: ① 6-digit, ② 12-digit (If you select ②, no "table analysis" nor "table range" is available.)	c ① = 0 ② = 4	
Tax calculation by new balance.	No = 0 Yes = 1	<input type="checkbox"/> D ₈
Print previous balance, when registering old check.	Yes = 0 No = 2	<input type="checkbox"/> D ₇
Always "000"		<input type="checkbox"/> 0 <input type="checkbox"/> 0 <input type="checkbox"/> 0 D ₆ D ₅ D ₄
Merge the same department / subdepartment / PLU registration in old check. (Item consolidation)	No = 0 Yes = 4	<input type="checkbox"/> D ₃
Display detail items of the previous check when registering <OLD CHK>.	a Yes = 0 No = 1	<input type="checkbox"/> (a+b) D ₂
Item consolidation when registering <SEP CHK>.	b No = 0 Yes = 2	
Capture the item data	No = 0 Yes = 1	<input type="checkbox"/> D ₁

Record 0027-022

Description	Choice	Program code
Enable clerk interrupt.	No = 0 Yes = 1	<input type="checkbox"/> D ₁₂
Use magnetic Dallas key.	a No = 0 Yes = 1	<input type="checkbox"/> (a+b) D ₁₁
Enable to sign-on a clerk who has no check number.	b No = 0 Yes = 4	
Always "0000"		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₁₀ D ₉ D ₈ D ₇
Always "0000"		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₆ D ₅ D ₄ D ₃
Auto sign-off timer. (00 ~ 99 seconds, "00" means no auto sign-off.)	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D ₂ D ₁

Record 0028-022

Description	Choice	Program code
Back light off timer (00 ~ 59 minutes, "00" means never turn off.)	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D ₂ D ₁

Record 0031-022

Description	Choice	Program code
Enable quantity extension of flat PLU.	a No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D ₁₂
Enable quantity extension of subdepartment.	b No = 0 Yes = 2	
Enable quantity extension of department.	c No = 0 Yes = 4	
Always "000000"		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₁₁ D ₁₀ D ₉ D ₈ D ₇ D ₆
Always "00000"		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₅ D ₄ D ₃ D ₂ D ₁

Record 0032-022

Description	Choice	Program code
Start PLU number of 1st menu sheet	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₁₂ D ₁₁ D ₁₀ D ₉
Start PLU number of 2nd menu sheet	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₈ D ₇ D ₆ D ₅
Start PLU number of 3rd menu sheet	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₄ D ₃ D ₂ D ₁

Program 6

Record 0033-022

Description	Choice	Program code
Start PLU number of 4th menu sheet	Significant numbers	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> D ₁₂ D ₁₁ D ₁₀ D ₉
Start PLU number of 5th menu sheet	Significant numbers	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> D ₈ D ₇ D ₆ D ₅
Start PLU number of 6th menu sheet	Significant numbers	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> D ₄ D ₃ D ₂ D ₁

Record 0034-022

Description	Choice	Program code
Start PLU number of 7th menu sheet	Significant numbers	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> D ₁₂ D ₁₁ D ₁₀ D ₉
Start PLU number of 8th menu sheet	Significant numbers	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> D ₈ D ₇ D ₆ D ₅
Always "0000"		<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> D ₄ D ₃ D ₂ D ₁

Record 0035-022

Description	Choice	Program code
Full aged employee: Weekly work time (00 ~ 99 hours)	Significant numbers	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> D ₁₂ D ₁₁ D ₁₀ D ₉
Weekly work time (00 ~ 59 minutes)		
Minor employee: Weekly work time (00 ~ 99 hours)	Significant numbers	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> D ₈ D ₇ D ₆ D ₅
Weekly work time (00 ~ 59 minutes)		
Allow EMPLOYEE Z even if employee are not clocked-out.	a No = 0 Yes = 1	<input type="text"/> (a+b+c) D ₄
Use Weekly / Bi-weekly	b Weekly = 0 Bi-weekly = 2	
Enable clerk to sign on after clock-in	c No = 0 Yes = 4	
Always "0"		<input type="text"/> D ₃
Recognize break time as work time	No = 0 Yes = 1	<input type="text"/> D ₂
Rounding of work hours • No rounding = 0, • per 10 minutes = 1; 00 ~ 04 = 00, 05 ~ 09 = 10 (min.), • per 15 minutes = 2; 00 ~ 07 = 00, 08 ~ 14 = 15 (min.), • per 20 minutes = 3; 00 ~ 10 = 00, 11 ~ 19 = 20 (min.), • per 30 minutes = 4; 00 ~ 15 = 00, 16 ~ 29 = 30 (min.)	Significant number	<input type="text"/> D ₁

Record 0036-022

Description	Choice	Program code
Reset the Store/Recall starting number. (after Open check Z)	No = 0 Yes = 1	<input type="checkbox"/> D ₉
Store/Recall starting number (0000 = 0001) *	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₈ D ₇ D ₆ D ₅
Store/Recall ending number (0000 = 9999) *	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₄ D ₃ D ₂ D ₁

- * Be sure that all terminals have common value.
- * The starting number should be smaller than the ending number.

Record 0037-022

Description	Choice	Program code
Auto check starting number (0000 = 0001) *	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₈ D ₇ D ₆ D ₅
Auto check ending number (0000 = 9999) *	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₄ D ₃ D ₂ D ₁

- * Be sure that all terminals have common value.
- * The starting number should be smaller than the ending number.

7-2-4-6.Scheduler

D₁₈D₁₅D₁₄D₁₃D₁₂D₁₁D₁₀D₉D₈D₇D₆D₅D₄D₃D₂D₁

0001-062	0000000000000000	Record No. / File No. / Parameter * (D ₂₈ ~ D ₁₃)
	000000000000	
0002-062	0000000000000000	Parameter * (D ₁₂ ~ D ₁)
	000000000000	
0003-062	0000000000000000	
	000000000000	
0004-062	0000000000000000	
	000000000000	

* Parameter: Refer to the worksheet on page 57 in PGM 3 mode.

7-2-4-7.Check print

D₆D₅D₄D₃D₂D₁

0001-041	000000	Record No. / File No. / Parameter *
0002-041	000000	
0003-041	000000	
0004-041	000000	

* Parameter: Refer to the worksheet on page 58 in PGM 3 mode.

7-2-4-8.Table analysis

D₆D₅D₄D₃D₂D₁

TBL01	0001-018	Table analysis descriptor / Record No. / File No.
	000000	
TBL02	000000	Parameter * (Minimum check No.)
	0002-018	Parameter * (Maximum check No.)
	000000	
	000000	

* Parameter: Refer to the worksheet on page 59 in PGM 3 mode.

Program 6

7-2-4-9. Tax table

0001-025		Record No. / File No.
TX1	10%	Tax rate
TX1	0000	Table maximum value / maximum amount limit
TX1	50	Rounding code
TX1	02	Table attribution
0002-025		
TX2	10%	
TX2	0000	
TX2	50	
TX2	02	

7-2-4-10. Void table

Mistake	001-012	Void reason character / Record No. / File No. Parameter *
	000000	
Out of Date	002-012	
	000000	

* Parameter: Refer to the worksheet on page 63 in PGM 3 mode.

7-2-4-11. System connection

0001-901		Record No. / File No.
MC #01	020101000000	Id character / Parameter *
0002-901		
	000000000000	

* Parameter: Refer to the worksheet on page 64 in PGM 3 mode.

7-2-4-12. I/O parameter

0001-902	0000000000	Record No. / File No. / Parameter *
0002-902	0000000000	
0003-902	0000000000	
0004-902	0000000000	
	:	

* Parameter: Refer to the worksheet on page 65 ~ 67 in PGM 3 mode.

7-2-4-13. Printer connection

0001-903	MC #01	/1	01	Record No. / File No. / Main printer / Attribution / Backup printer
	MC #02	/2		
0002-903	MC #01	/10	50	
	MC #01	/2		
	:			

Description	Choice	Program code
Kind of printer: No = 00, R/J = 01, Report = 02, Order#1 = 50, Order#2 = 51, ... Order#7 = 56	Significant numbers	<input type="text"/> <input type="text"/> D ₃₀ D ₂₉
ECR ID characters connecting with main printer (within 12 characters)	Significant characters	<input type="text"/> ~ <input type="text"/> D ₂₈ ~ D ₁₇
ECR ID characters connecting with backup printer (within 12 characters)	Significant characters	<input type="text"/> ~ <input type="text"/> D ₁₆ ~ D ₅
Main printer number: Internal printer (1) = 00, Printer (1) = 01, Printer (2) = 02	Significant numbers	<input type="text"/> <input type="text"/> D ₄ D ₃
Backup printer number: Internal printer (1) = 00, Printer (1) = 01, Printer (2) = 02	Significant numbers	<input type="text"/> <input type="text"/> D ₂ D ₁

7-2-4-14. Time Zone

0001-800	000000000000	Record No. / File No. / Parameter *
0001-800	000000000000	
:		

* Parameter: Refer to the worksheet on page 69 in PGM 3 mode.

7-2-4-15. Employee

HARRISON	123456	0001-801	Employee# / Character / Record No. / File No.
	9999999999	0001020304	Social security No. / Program (D ₁₂ ~D ₃)
		HARRISON	Clerk character
CLAPTON	000001	0002-801	
	0000000000	0000000000	
		-----	(No clerk character is set.)
:			

Description		Choice	Program code
Employee No. (within a 6-digits: 000000~999999) ("000000" means no select number) Reading "zero" can be ignored. e.g.) 001234 → 1234		Significant number	<input type="checkbox"/> ~ <input type="checkbox"/> D ₄₄ ~ D ₃₉
Character (16-digits)		Significant character	<input type="checkbox"/> ~ <input type="checkbox"/> D ₃₈ ~ D ₂₃
Social security No. (within a 10-digits) Leading "zero" cannot be ignored. e.g.) 0001234567 → 0001234567		Significant number	<input type="checkbox"/> ~ <input type="checkbox"/> D ₂₂ ~ D ₁₃
Specify job code	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D ₁₂
Clock-in without job code or with undefined Job	b	No = 0 Yes = 2	
Use the job code window during clock-in operation	c	No = 0 Yes = 4	
Minor employee	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b) D ₁₁
Enable to clock-in with ignoring the schedule	b	No = 0 Yes = 2	
Job code 1 (00 ~ 99) ("00" means no select number)		Significant number	<input type="checkbox"/> <input type="checkbox"/> D ₁₀ D ₉
Job code 2 (00 ~ 99) ("00" means no select number)		Significant number	<input type="checkbox"/> <input type="checkbox"/> D ₈ D ₇
Job code 3 (00 ~ 99) ("00" means no select number)		Significant number	<input type="checkbox"/> <input type="checkbox"/> D ₆ D ₅
Job code 4 (00 ~ 99) ("00" means no select number)		Significant number	<input type="checkbox"/> <input type="checkbox"/> D ₄ D ₃
Cashier / clerk record number (00 ~ 99)		Significant number	<input type="checkbox"/> <input type="checkbox"/> D ₂ D ₁

Program 6

7-2-4-16. Job Code

C00K		0001-802
00	@9999.99	12.34
JOB#2		0002-802
00	@0.00	0.00
	:	

Character / Record No. / File No.
 Programming (D₁₂D₁₁) / Pay rate/Overtime pay ratio
 Wages = Pay rate × Working time (exclude overtime)
 + Overtime pay ratio × Pay rate × Overtime

Description	Choice	Program code
Character (within a 16-digit) (No character means no setting.)	Significant character	<input type="text"/> ~ <input type="text"/> D ₂₈ ~ D ₁₃
Tip declaration compulsory during clock-out operation	No = 0 Yes = 1	<input type="text"/> D ₁₂
Always "0"		<input type="text"/> 0 D ₁₁
Pay rate (\$0.00 ~ \$9999.99)	Significant number	<input type="text"/> ~ <input type="text"/> D ₁₀ ~ D ₅
Overtime pay ratio (0.00 ~ 99.99) ("0.00" means "1.00")	Significant number	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> D ₄ D ₃ D ₂ D ₁

7-2-4-17. Schedule

Monday	(1)	0001-803
JOB#1		000000000000
		00000000
Monday	(2)	0002-803
JOB#2		000000000000
		00000000
	:	

Day of the week / Shift No. / Rec#-File#
 Job character / Programming (D₂₀ ~ D₉)
 Programming (D₈ ~ D₁)

Description	Choice	Program code
Job code (00 ~ 99) ("00" means no select number)	Significant number	<input type="text"/> <input type="text"/> D ₂₂ D ₂₁
Start time (hour) (00 ~ 23)	Significant number	<input type="text"/> <input type="text"/> D ₂₀ D ₁₉
Start time (minute) (00 ~ 59)	Significant number	<input type="text"/> <input type="text"/> D ₁₈ D ₁₇
End time (hour) (00 ~ 23)	Significant number	<input type="text"/> <input type="text"/> D ₁₆ D ₁₅
End time (minute) (00 ~ 59)	Significant number	<input type="text"/> <input type="text"/> D ₁₄ D ₁₃
Break time (hour) (00 ~ 23)	Significant number	<input type="text"/> <input type="text"/> D ₁₂ D ₁₁
Break time (minute) (00 ~ 59)	Significant number	<input type="text"/> <input type="text"/> D ₁₀ D ₉
Grace before start (minute) (00 ~ 99)	Significant number	<input type="text"/> <input type="text"/> D ₈ D ₇
Grace after start (minute) (00 ~ 99)	Significant number	<input type="text"/> <input type="text"/> D ₆ D ₅
Grace before end (minute) (00 ~ 99)	Significant number	<input type="text"/> <input type="text"/> D ₄ D ₃
Grace after end (minute) (00 ~ 99)	Significant number	<input type="text"/> <input type="text"/> D ₂ D ₁

7-2-4-18. IDC Link

0001-804			
0001-004	PLU0001	1010	
0001-804			
0001-026	PLU0001	2000	
	:		

Record No. / File No.
Target Record No.-File No. / Character
Programming (D₁₂ ~ D₉)

Description	Choice	Program code
Always "0"		<input type="checkbox"/> 0 D ₁₂
Specify IDC file No link = 0, IDC(1) = 1, IDC(2) = 2, IDC(3) = 3	Significant number	<input type="checkbox"/> D ₁₁
Always "0"		<input type="checkbox"/> 0 D ₁₀
Target for IDC: All transactions=0, Only item / function=1	Significant number	<input type="checkbox"/> D ₉
Record No. of the target for IDC	Significant number	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₈ D ₇ D ₆ D ₅
Always "0"		<input type="checkbox"/> 0 D ₄
File No. of the target for IDC	Significant number	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₃ D ₂ D ₁

7-2-4-19. Auto program control

0001-905	0902 01	
0001-905	0999 01	
	:	

Record No. / File No. / Parameter *

* Parameter: Refer to the worksheet on page 77 in PGM 3 mode.

7-2-4-20. LCD color

0001-906	000001230001	
0002-906	000000000000	
	:	

Record No. / File No. / Parameter *

* Parameter: Refer to the worksheet on page 78 in PGM 3 mode.

Program 6

7-2-5 Clerk

7-2-5-1. Clerk feature

C01	0001-007	Clerk name / Record No. / File No.
	0001	Clerk secret code
	00	Drawer No.
	000111	Check No. for clerk interrupt
01-067	0000040000	Refer to the record 01-067 †
02-067	0000000000	Refer to the record 02-067 †
03-067	0000000000	Refer to the record 03-067 †
04-067	000000000000	Refer to the record 04-067 †
05-067	000000000000	Refer to the record 05-067 †
06-067	000000000000	Refer to the record 06-067 †
07-067	000000000000	Refer to the record 07-067 †
08-067	000000000000	Refer to the record 08-067 †
09-067	000000000000	Refer to the record 09-067 †
10-067	000000000000	Refer to the record 10-067 †
11-067	000000000000	not used
068	00000000	Commission rate †
069	000000000000	Table range †
C02	0002-007	
	0002	
	:	
	:	

† Refer to the record format below.

Table range

Description	Choice	Program code
Minimum value for table range (1 ~ 999999) ("0" means no programming.)	Significant numbers	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> D ₁₂ D ₁₁ D ₁₀ D ₉ D ₈ D ₇
Maximum value for table range (1 ~ 999999) ("0" means no programming.)	Significant numbers	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> D ₆ D ₅ D ₄ D ₃ D ₂ D ₁

Commission rate

Description	Choice	Program code
Commission rate 1 (0.01 ~ 99.99%)	Significant numbers (with decimal)	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> D ₈ D ₇ D ₆ D ₅
Commission rate 2 (0.01 ~ 99.99%)	Significant numbers (with decimal)	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> D ₄ D ₃ D ₂ D ₁

Record 01-067

Description		Choice	Program code
Check number compulsory		No = 0 Yes = 4	<input type="checkbox"/> D ₁₀
Table number compulsory	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D ₉
Number of customer compulsory	b	No = 0 Yes = 2	
Guest receipt compulsory (at finalization)	c	No = 0 Yes = 4	
Guest receipt compulsory (at new balance)	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D ₈
Slip auto-batch print compulsory (at finalization)	b	No = 0 Yes = 2	
Slip auto-batch print compulsory (at new balance)	c	No = 0 Yes = 4	
Clerk attribution: Cashier = 0, Clerk = 1, Manager = 2		Significant number	<input type="checkbox"/> D ₇
Training clerk		No = 0 Yes = 1	<input type="checkbox"/> D ₆
Enable to open check created by other clerk	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D ₅
Disable to sign on	b	No = 0 Yes = 2	
Sign off at finalization	c	No = 0 Yes = 4	
Always "0"			<input type="checkbox"/> D ₄
Seat number compulsory	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b) D ₃
Eat-in / Takeout compulsory	b	No = 0 Yes = 2	
Always "0"			<input type="checkbox"/> D ₂
Void operation: Complete void = 0, Current transaction = 1, Not allowed = 2		Significant number	<input type="checkbox"/> D ₁

Program 6

Record 02-067

Description		Choice	Program code
Enable to use 1st menu sheet.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₁₀
Enable to use 2nd menu sheet.	b	Yes = 0 No = 2	
Enable to use 3rd menu sheet.	c	Yes = 0 No = 4	
Enable to use 4th menu sheet.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₉
Enable to use 5th menu sheet.	b	Yes = 0 No = 2	
Enable to use 6th menu sheet.	c	Yes = 0 No = 4	
Enable to use 7th menu sheet.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b) D ₈
Enable to use 8th menu sheet.	b	Yes = 0 No = 2	
Always "000"			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₇ D ₆ D ₅
Default shift PLU sheet number after sign on. (0 ~ 8) (Do not set the disabled sheet No.) ("0" means the first shift.)		Significant number	<input type="checkbox"/> D ₄
Default menu sheet number after sign on. (0 ~ 8) (Do not set the disabled sheet No.) ("0" means depending on setting sheet holder; TE-8000F) ("0" means the first sheet number; TE-7000S and TE-8500F)		Significant number	<input type="checkbox"/> D ₃
Default @ menu sheet number after sign on. (0 ~ 2) (Do not set the disabled sheet No.) ("0" means the first unit price.)		Significant number	<input type="checkbox"/> D ₂
Status / stay down menu sheet assignment	a	Status = 0 Stay down = 1	<input type="checkbox"/> (a+b) D ₁
Status / stay down @ menu sheet assignment	b	Status = 0 Stay down = 2	

Record 03-067

Description		Choice	Program code
Enable to operate in REG mode.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₁₀
Enable to operate in REF mode.	b	Yes = 0 No = 2	
Enable to operate in REG- mode.	c	Yes = 0 No = 4	
Always "0"			<input type="checkbox"/> D ₉
Enable to operate in PGM1 mode.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₈
Enable to operate in PGM2 mode.	b	Yes = 0 No = 2	
Enable to operate in PGM3 mode.	c	Yes = 0 No = 4	
Enable to operate in PGM4 mode.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₇
Enable to operate in PGM5 mode.	b	Yes = 0 No = 2	
Enable to operate in PGM6 mode.	c	Yes = 0 No = 4	
Always "0"			<input type="checkbox"/> D ₆
Enable to operate in X/Z mode.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₅
Enable to operate in Manager mode.	b	Yes = 0 No = 2	
Enable to operate in collection / consolidation mode.	c	Yes = 0 No = 4	
Enable to operate in Auto-PGM mode	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b) D ₄
Enable to operate in CF card Auto-PGM mode	b	Yes = 0 No = 2	
Always "00"			<input type="checkbox"/> <input type="checkbox"/> D ₃ D ₂
Default mode after sign on: REG = 0, PGM1 = 1, X/Z = 2		Significant number	<input type="checkbox"/> D ₁

Program 6

Record 04-067

Description		Choice	Program code
Enable to operate cash.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₁₂
Enable to operate charge.	b	Yes = 0 No = 2	
Enable to operate check.	c	Yes = 0 No = 4	
Enable to operate credit.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₁₁
Enable to operate food stamp tender.	b	Yes = 0 No = 2	
Enable to operate new balance.	c	Yes = 0 No = 4	
Enable to operate EBT tender.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₁₀
Enable to operate price inquiry.	b	Yes = 0 No = 2	
Enable to operate stock inquiry.	c	Yes = 0 No = 4	
Enable to operate text recall.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₉
Enable to operate text print.	b	Yes = 0 No = 2	
Enable to operate check print.	c	Yes = 0 No = 4	
Enable to operate clerk transfer.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₈
Enable to operate table transfer.	b	Yes = 0 No = 2	
Enable to operate tip.	c	Yes = 0 No = 4	
Enable to operate normal receipt.		Yes = 0 No = 1	<input type="checkbox"/> D ₇
Enable to operate loan.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₆
Enable to operate received on account.	b	Yes = 0 No = 2	
Enable to operate paid out.	c	Yes = 0 No = 4	
Enable to operate pick up.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b) D ₅
Enable to operate coupon.	b	Yes = 0 No = 2	
Enable to operate deposit.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b) D ₄
Enable to operate minus.	b	Yes = 0 No = 4	
Enable to operate percent minus.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₃
Enable to operate plus.	b	Yes = 0 No = 2	
Enable to operate percent plus.	c	Yes = 0 No = 4	
Enable to operate refund.		Yes = 0 No = 4	<input type="checkbox"/> D ₂
Enable to operate coupon 2.		Yes = 0 No = 4	<input type="checkbox"/> D ₁

Record 05-067

Description		Choice	Program code
Enable to operate validation.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₁₂
Enable to operate receipt.	b	Yes = 0 No = 2	
Enable to operate check endorse.	c	Yes = 0 No = 4	
Enable to operate non-add.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₁₁
Enable to operate non-add / no sale.	b	Yes = 0 No = 2	
Enable to operate no sale.	c	Yes = 0 No = 4	
Enable to operate No. of customer	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₁₀
Enable to operate arrangement.	b	Yes = 0 No = 2	
Enable to operate currency exchange.	c	Yes = 0 No = 4	
Enable to operate VAT.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b) D ₉
Enable to operate bill copy.	b	Yes = 0 No = 2	
Always "0".			<input type="checkbox"/> 0 D ₈
Enable to operate slip back feed / release.		Yes = 0 No = 4	<input type="checkbox"/> D ₇
Enable to operate slip print.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₆
Enable to operate slip feed / release.	b	Yes = 0 No = 2	
Enable to operate tax status shift.	c	Yes = 0 No = 4	
Enable to operate table number.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b) D ₅
Enable to operate food stamp status shift.	b	Yes = 0 No = 2	
Enable to operate tax exempt.		Yes = 0 No = 2	<input type="checkbox"/> D ₄
Enable to operate menu shift.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b) D ₃
Enable to operate shift PLU.	b	Yes = 0 No = 2	
Enable to operate open.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₂
Enable to operate preset open.	b	Yes = 0 No = 2	
Enable to operate 1st@.	c	Yes = 0 No = 4	
Enable to operate 2nd@.		Yes = 0 No = 1	<input type="checkbox"/> D ₁

Program 6

Record 06-067

Description		Choice	Program code
Enable to operate operator X/Z.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₁₂
Enable to tray total.	b	Yes = 0 No = 2	
Enable to operate subtotal.	c	Yes = 0 No = 4	
Enable to operate receipt on / off.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₁₁
Enable to operate TA/ST.	b	Yes = 0 No = 2	
Enable to operate operator No.	c	Yes = 0 No = 4	
Enable to operate MD/ST.	a	Yes = 0 No = 2	<input type="checkbox"/> (a+b) D ₁₀
Enable to operate FSST.	b	Yes = 0 No = 4	
Enable to operate X.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₉
Enable to operate X / For.	b	Yes = 0 No = 2	
Enable to operate X / XX.	c	Yes = 0 No = 4	
Enable to operate X/XXX.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b) D ₈
Enable to operate Ketten Bon.	b	Yes = 0 No = 2	
Enable to operate selective item ST.		Yes = 0 No = 1	<input type="checkbox"/> D ₇
Always "00"			<input type="checkbox"/> <input type="checkbox"/> D ₆ D ₅
Enable to operate new check.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₄
Enable to operate old check.	b	Yes = 0 No = 2	
Enable to operate new / old check.	c	Yes = 0 No = 4	
Enable to operate add check.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b) D ₃
Enable to operate separate check.	b	Yes = 0 No = 2	
Always "00"			<input type="checkbox"/> <input type="checkbox"/> D ₂ D ₁

Record 07-067

Description		Choice	Program code
Enable to operate substitution.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b) D ₁₂
Enable to operate house Bon.	b	Yes = 0 No = 4	
Always "0"			<input type="checkbox"/> D ₁₁
Enable to operate operator open check.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₁₀
Enable to operate media change.	b	Yes = 0 No = 2	
Enable to operate seat number.	c	Yes = 0 No = 4	
Enable to operate display on / off.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₉
Enable to operate REG mode.	b	Yes = 0 No = 2	
Enable to operate X/Z mode	c	Yes = 0 No = 4	
Enable to operate PGM mode.		Yes = 0 No = 1	<input type="checkbox"/> D ₈
Enable to operate post entry.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₇
Enable to operate round repeat.	b	Yes = 0 No = 2	
Enable to operate eat-in.	c	Yes = 0 No = 4	
Enable to operate takeout.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₆
Enable to operate store.	b	Yes = 0 No = 2	
Enable to operate recall.	c	Yes = 0 No = 4	
Enable to operate reverse display.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b) D ₅
Enable to operate electronic journal display.	b	Yes = 0 No = 2	
Enable to operate home position.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₄
Enable to operate display mode change.	b	Yes = 0 No = 2	
Enable to operate dutch account.	c	Yes = 0 No = 4	
Always "0"			<input type="checkbox"/> D ₃
Enable to operate all void of this transaction.		Yes = 0 No = 4	<input type="checkbox"/> D ₂
Enable to operate all void from the top of this receipt.		Yes = 0 No = 1	<input type="checkbox"/> D ₁

Program 6

Record 08-067

Description		Choice	Program code
Enable to operate price.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₁₂
Enable to operate PLU No.	b	Yes = 0 No = 2	
Enable to operate subdepartment No.	c	Yes = 0 No = 4	
Enable to operate department No.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b) D ₁₁
Enable to operate list No.	b	Yes = 0 No = 2	
Enable to operate flat PLU.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₁₀
Enable to operate department key.	b	Yes = 0 No = 2	
Enable to operate subdepartment key.	c	Yes = 0 No = 4	
Enable to operate list key.		Yes = 0 No = 1	<input type="checkbox"/> D ₉
Always "0000"			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₈ D ₇ D ₆ D ₅
Always "0000"			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D ₄ D ₃ D ₂ D ₁

Record 09-067

Description		Choice	Program code										
Enable to operate arrange group 1.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₁₂										
Enable to operate arrange group 2.	b	Yes = 0 No = 2											
Enable to operate arrange group 3.	c	Yes = 0 No = 4											
Enable to operate arrange group 4.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₁₁										
Enable to operate arrange group 5.	b	Yes = 0 No = 2											
Always "00000"			<table border="1"> <tr> <td>0</td><td>0</td><td>0</td><td>0</td><td>0</td> </tr> <tr> <td>D₁₀</td><td>D₉</td><td>D₈</td><td>D₇</td><td>D₆</td> </tr> </table>	0	0	0	0	0	D ₁₀	D ₉	D ₈	D ₇	D ₆
0	0	0	0	0									
D ₁₀	D ₉	D ₈	D ₇	D ₆									
Always "00000"			<table border="1"> <tr> <td>0</td><td>0</td><td>0</td><td>0</td><td>0</td> </tr> <tr> <td>D₅</td><td>D₄</td><td>D₃</td><td>D₂</td><td>D₁</td> </tr> </table>	0	0	0	0	0	D ₅	D ₄	D ₃	D ₂	D ₁
0	0	0	0	0									
D ₅	D ₄	D ₃	D ₂	D ₁									

Program 6

Record 10-067

Description		Choice	Program code
Enable to issue daily X report.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b) D ₁₂
Enable to issue daily Z report.	b	Yes = 0 No = 2	
Enable to issue periodic 1 X report.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b) D ₁₁
Enable to issue periodic 1 Z report.	b	Yes = 0 No = 2	
Enable to issue periodic 2 X report.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b) D ₁₀
Enable to issue periodic 2 Z report.	b	Yes = 0 No = 2	
Always "0"			<input type="checkbox"/> 0 D ₉
Enable to issue batch X/Z 1 report.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₈
Enable to issue batch X/Z 2 report.	b	Yes = 0 No = 2	
Enable to issue batch X/Z 3 report.	c	Yes = 0 No = 4	
Enable to issue batch X/Z 4 report.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₇
Enable to issue batch X/Z 5 report.	b	Yes = 0 No = 2	
Enable to issue batch X/Z 6 report.	c	Yes = 0 No = 4	
Enable to issue batch X/Z 7 report.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₆
Enable to issue batch X/Z 8 report.	b	Yes = 0 No = 2	
Enable to issue batch X/Z 9 report.	c	Yes = 0 No = 4	
Enable to issue batch X/Z 10 report.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₅
Enable to issue employee X/Z report.	b	Yes = 0 No = 2	
Enable to issue employee edit report.	c	Yes = 0 No = 4	
Enable to issue operator X report.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b) D ₄
Enable to issue operator Z report.	b	Yes = 0 No = 2	
Always "00"			<input type="checkbox"/> <input type="checkbox"/> 0 0 D ₃ D ₂
Enable to issue X/Z report by file.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₁
Enable to issue individual key / item X/Z report.	b	Yes = 0 No = 2	
Enable to issue other individual X/Z report.	c	Yes = 0 No = 4	

7-2-5-2. Clerk detail

0001-030	Record No. / File No.
0001-001 GROSS	Detailed total record No. / File No. / Character
0002-030	
0002-001 NET	
0003-030	
0003-001 CAID	

7-2-5-3. Clerk key ID (Dallas key ID)

1234567890AB	0001-027	Key ID. / Record No. / File No.
C01	0001	Clerk name / Clerk record No.
12362458DA79	0002-027	
C02	0002	

Program 6

7-2-6 Key feature

7-2-6-1. PLU

PLU0001			PLU descriptor
0001-004	00000000000000		Record No. / File No. / Elementary program †
11-066	000000		Refer to the field 11-066 †
12-066	000000		Refer to the field 12-066 †
13-066	0000		Refer to the field 13-066 †
14-066	0		Refer to the field 14-066-1 †
	0		Refer to the field 14-066-2 †
15-066	@0.00		Refer to the field 15-066 †
16-066	00		Refer to the field 16-066 †
17-066	00		Refer to the field 17-066 †
20-066	0000		Refer to the field 20-066 †
21-066	00000000000000		Refer to the field 21-066 †
22-066	000000		not used
PLU0002			

7-2-6-2. PLU 2nd unit price

PLU0001			PLU 2nd @ descriptor
0001-054	00000000000000		Record No. / File No. / Elementary program †
11-066	000000		Refer to the field 11-066 †
12-066	000000		Refer to the field 12-066 †
14-066	0		Refer to the field 14-066-1 †
PLU0002			
0002-004	00000000000000		
11-066	000000		
12-066	000000		
14-066	0		
PLU0003			

7-2-6-3. Subdepartment

SUBDEPT01			Subdepartment descriptor
0001-003	00000000000000		Record No. / File No. / Elementary program †
11-066	000000		Refer to the field 11-066 †
15-066	@0.00		Refer to the field 15-066 †
16-066	00		Refer to the field 16-066 †
17-066	00		Refer to the field 17-066 †
20-066	0000		Refer to the field 20-066 †
21-066	00000000000000		Refer to the field 21-066 †
SUBDEPT02			

7-2-6-4. Department

DEPT01			Department descriptor
0001-005	00000000000000		Record No. / File No. / Elementary program †
11-066	000000		Refer to the field 11-066 †
15-066	@0.00		Refer to the field 15-066 †
16-066	00		Refer to the field 16-066 †
17-066	00		Refer to the field 17-066 †
20-066	0000		Refer to the field 20-066 †
21-066	00000000000000		Refer to the field 21-066 †
DEPT02			

† Refer to the field formats on the following pages.

Elementary program

Description		Choice	Program code
Single item control: (Not effective for PLU 2nd@) Normal receipt = 0, Single item receipt = 3		Significant number	<input type="checkbox"/> D ₁₂
Selective item status 1 (Not effective for PLU 2nd@)	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b) D ₁₁
Selective item status 2 (Not effective for PLU 2nd@)	b	No = 0 Yes = 2	
Normal / condiment / preparation (Only effective for PLU) Normal item = 0, Condiment = 1, Preparation = 2		Significant number	<input type="checkbox"/> D ₁₀
U.S., Singapore:			
Food stamp status		No = 0 Yes = 1	<input type="checkbox"/> D ₉
Taxable status 1	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D ₈
Taxable status 2	b	No = 0 Yes = 2	
Taxable status 3	c	No = 0 Yes = 4	
Canada:			
Donuts tax = 1, No Donuts tax = 0		Significant number	<input type="checkbox"/> D ₉
Taxable 1 = 1, Taxable 2 = 2, Taxable 3 = 3, Taxable 4 = 4 Taxable 1 & 2 = 5, Taxable 1 & 3 = 6, Taxable 1 & 4 = 7 Non taxable = 0		Significant number	<input type="checkbox"/> D ₈
Other area:			
Taxable status 01 ~ 10 ("00" means Non-tax)		Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D ₉ D ₈
Multiple validation (Not effective for PLU 2nd@) (If "No", only one validation is possible.)	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D ₇
Full hash (Not effective for PLU 2nd@)	b	No = 0 Yes = 2	
Open PLU (Only effective for PLU)	c	No = 0 Yes = 4	
Enable 0 unit price.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D ₆
Enable negative price. (Not effective for PLU 2nd@)	b	No = 0 Yes = 2	
Hash (Not effective for PLU 2nd@)	c	No = 0 Yes = 4	
Register by unit price of pulldown main item. (i.e. ignore sub item unit price) (Only for PLU)	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b) D ₅
Use premium item of pulldown set. (Only for PLU)	b	No = 0 Yes = 2	
Low digit limitation (LDL) for manually entered unit price. (Not effective for PLU 2nd@)		Significant number	<input type="checkbox"/> D ₄
Always "0"			<input type="checkbox"/> D ₃
Commission 1 (Not effective for PLU 2nd@)	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b) D ₂
Commission 2 (Not effective for PLU 2nd@)	b	No = 0 Yes = 2	
Always "0"			<input type="checkbox"/> D ₁

Program 6

Field 11-066

Description	Choice	Program code
Link subdepartment record number (for PLU and PLU 2nd@)	Significant numbers	<input type="text"/> <input type="text"/> D ₆ D ₅
Link department record number (for PLU, PLU 2nd@ and subdepartment)	Significant numbers	<input type="text"/> <input type="text"/> D ₄ D ₃
Link group record number	Significant numbers	<input type="text"/> <input type="text"/> D ₂ D ₁

Field 12-066

Description	Choice	Program code
PLU random code (only for PLU)	Significant numbers	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> D ₆ D ₅ D ₄ D ₃ D ₂ D ₁

Field 13-066

Description	Choice	Program code
Set menu table number (only for PLU)	Significant numbers	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> D ₄ D ₃ D ₂ D ₁

Field 14-066-1

Description	Choice	Program code
Unit stock quantity (0.001 ~ 99.999) Enter with decimal point. ("0" means "1".) (for PLU and PLU 2nd@)	Significant numbers	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> D ₅ D ₄ D ₃ D ₂ D ₁

Field 14-066-2

Description	Choice	Program code
Minimum stock quantity (0.001 ~ 99.999) Enter with decimal point. (Only for PLU)	Significant numbers	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> D ₅ D ₄ D ₃ D ₂ D ₁

Field 15-066

Description	Choice	Program code
High amount limit for entering unit price manually. (not for PLU 2nd@)	Significant numbers	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> D ₆ D ₅ D ₄ D ₃ D ₂ D ₁

Field 16-066

Description	Choice	Program code
Order character record number (00 ~ 99) (not for PLU 2nd@)	Significant numbers	<input type="text"/> <input type="text"/> D ₂ D ₁

Field 17-066

Description	Choice	Program code
Number of Bon receipts (1 ~ 9) (If "0", no Bon is issued.) (not for PLU 2nd@)	Significant number	<input type="text"/> D ₁

Field 20-066

Description	Choice	Program code
Order printing color: 1 Black: UP-250 (Normal : UP-350), 2 Red: UP-250 (Reverse: UP-350) (not for PLU 2nd@)	1 = 0 2 = 1	<input type="text"/> D ₄
Print out to order printer #1. (not for PLU 2nd@)	a No = 0 Yes = 1	<input type="text"/> (a+b+c) D ₃
Print out to order printer #2. not for PLU 2nd@)	b No = 0 Yes = 2	
Print out to order printer #3. (not for PLU 2nd@)	c No = 0 Yes = 4	
Print out to order printer #4. (not for PLU 2nd@)	a No = 0 Yes = 1	<input type="text"/> (a+b+c) D ₂
Print out to order printer #5. (not for PLU 2nd@)	b No = 0 Yes = 2	
Print out to order printer #6. (not for PLU 2nd@)	c No = 0 Yes = 4	
Print out to order printer #7. (not for PLU 2nd@)	No = 0 Yes = 1	<input type="text"/> D ₁

Field 21-066

Description	Choice	Program code
Pulldown group record number (1) (not for PLU 2nd@)	Significant numbers	<input type="text"/> <input type="text"/> <input type="text"/> D ₁₂ D ₁₁ D ₁₀
Pulldown group record number (2) (not for PLU 2nd@)	Significant numbers	<input type="text"/> <input type="text"/> <input type="text"/> D ₉ D ₈ D ₇
Pulldown group record number (3) (not for PLU 2nd@)	Significant numbers	<input type="text"/> <input type="text"/> <input type="text"/> D ₆ D ₅ D ₄
Pulldown group record number (4) (not for PLU 2nd@)	Significant numbers	<input type="text"/> <input type="text"/> <input type="text"/> D ₃ D ₂ D ₁

7-2-6-5. Function key

0001	CASH	00000000000000
0002	CHARGE	00000000000000
0003	CREDIT	00000000000000
0004	%+	00000000000000
0005	CLEAR	00000000000000
0006	PGM MODE	00000000000000

Record No. / Key descriptor / Parameter *

* Parameter: Refer to the worksheet of each function key on page 120 ~ 136 in PGM 3 mode.

7-2-6-6. Scanning PLU link

SCANNING USED RECS		
		0002 / 0010
0001-016	02833521>>>>	0217
0002-016	4987244235176	0218
0003-016	00000000000000	0000
0004-016	00000000000000	0000
0005-016	00000000000000	0000

Header

Used record No. / Allocated record No.

Record No. / File No. / OBR code / Linked PLU record No.

7-2-6-7. Euro program

0001-099	00000101
0002-099	00000101
0003-099	00200117

Record No. / File No. / Program

7-2-6-8. Auto-program control

0001-905	0902 01
0002-905	0999 01
0003-905	0000 00

Record No. / File No. / Program

7-2-6-9. LCD color control

0001-906	00000000000000
0002-906	00000000000000
0003-906	00000000000000

Record No. / File No. / Program

7-2-7 Keyboard

001. RCT	0001	002	038	Hard key code / Key descriptor / Record No. / File No. / Function code
002. NEW/OLD	0002	002	093	
003. RC	0003	002	020	
	:			

7-2-8 Memory allocation

FILE001							File No.
26	85	DL	P1	P2	WK		Length / Number of records / DL / P1 / P2 / WK
10		CL	CL	CL			CL / CL / CL
FILE002							
39	70	DL	P1	P2	WK		DL: Daily total / PGM / work area, P1: Periodic 1 total
10		CL	CL	CL			P2: Periodic 2 total, WK: Consolidation work
FILE003							
57	4	DL	--	--	--		CL: Consolidation area of above file
			:				"--" means no file allocation.
			:				"*" means the file allocated in the flash memory.
FILE020							
24	3	DL					
			:				
FILE045							
30	259	DL					
			:				
FILE989							
30	1242	*DL					
			:				
RAM						153728	Remaining RAM capacity

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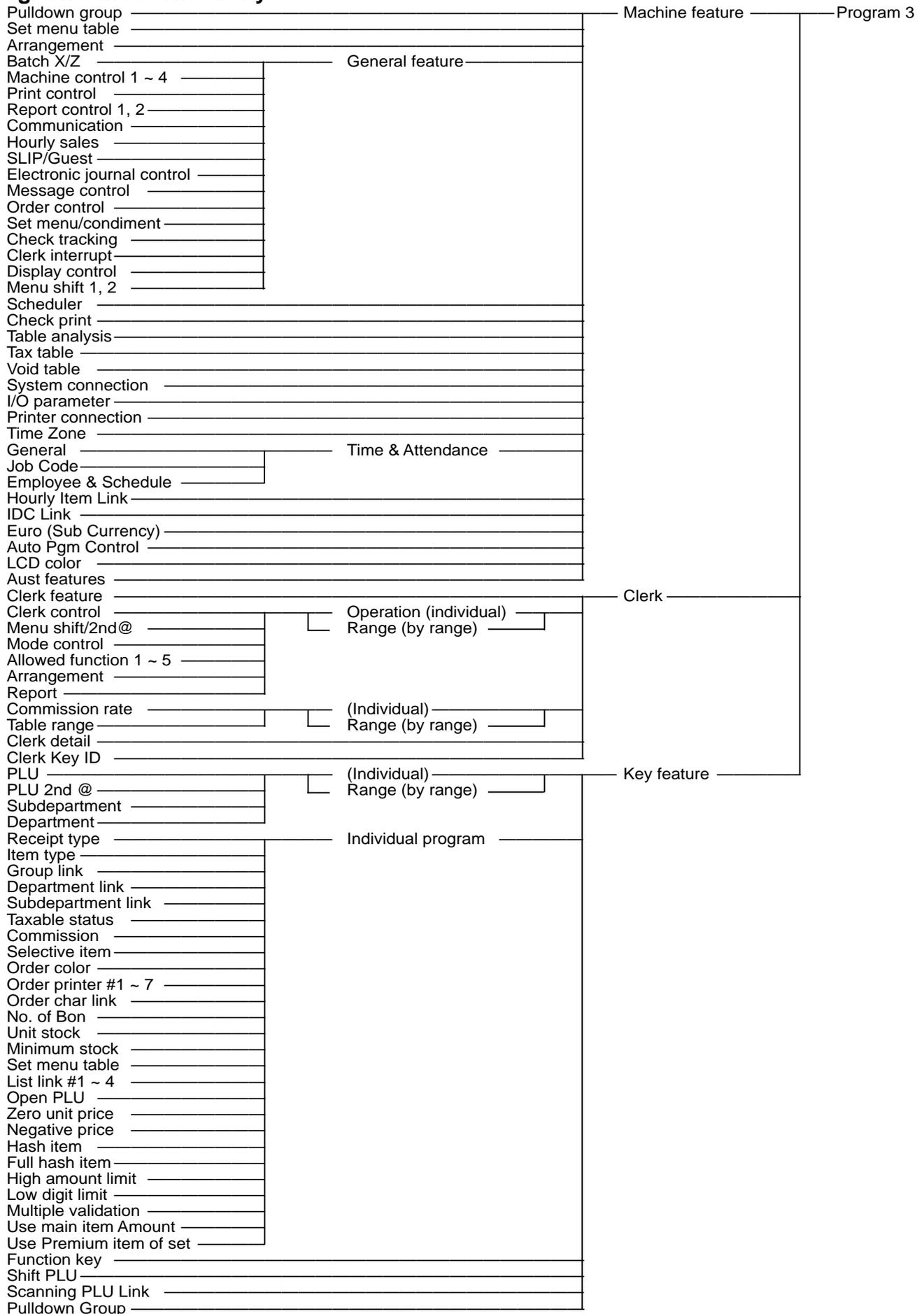
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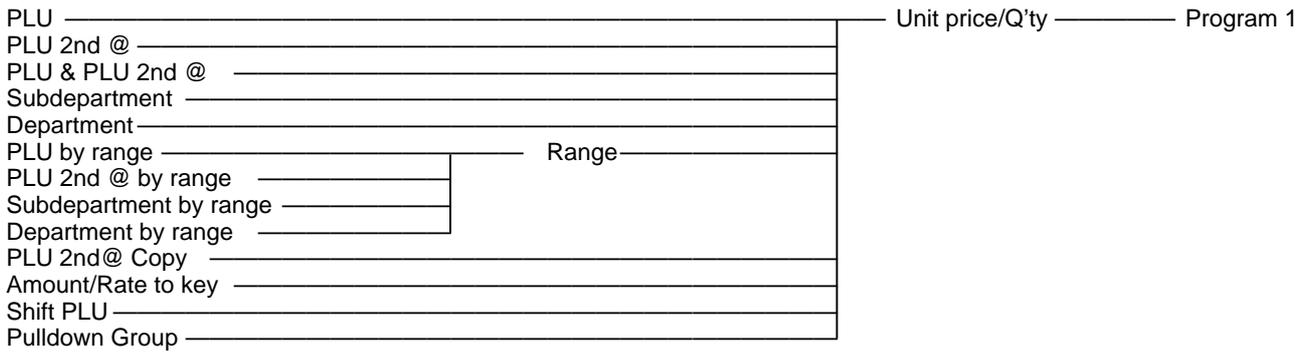
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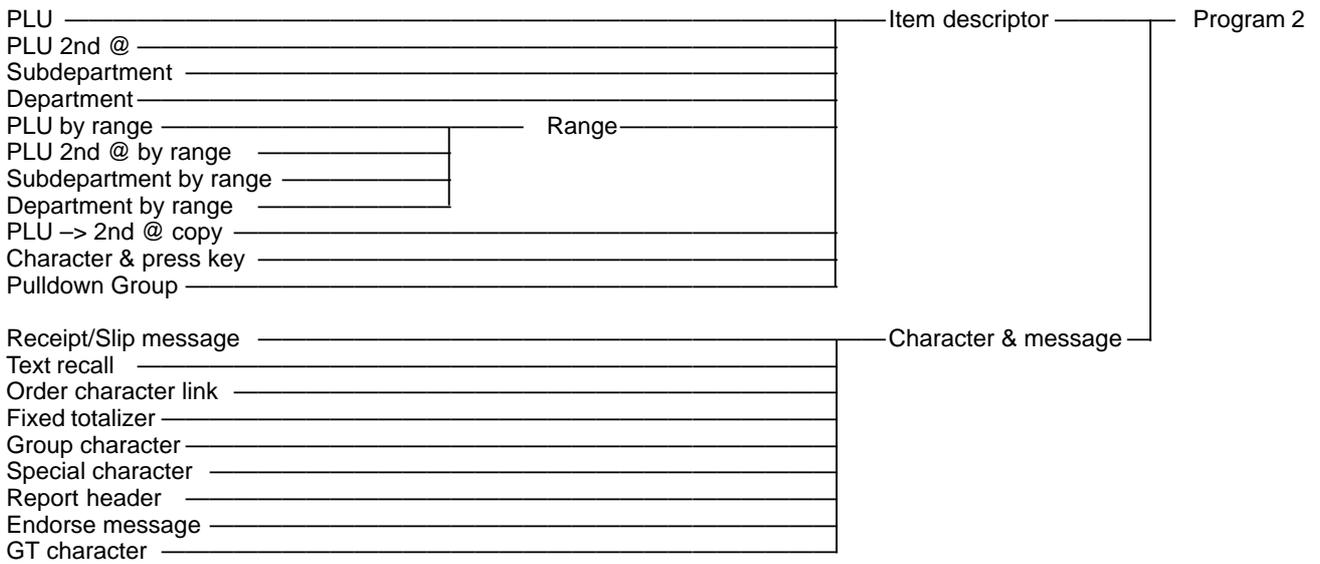
Program 3 mode Hierarchy



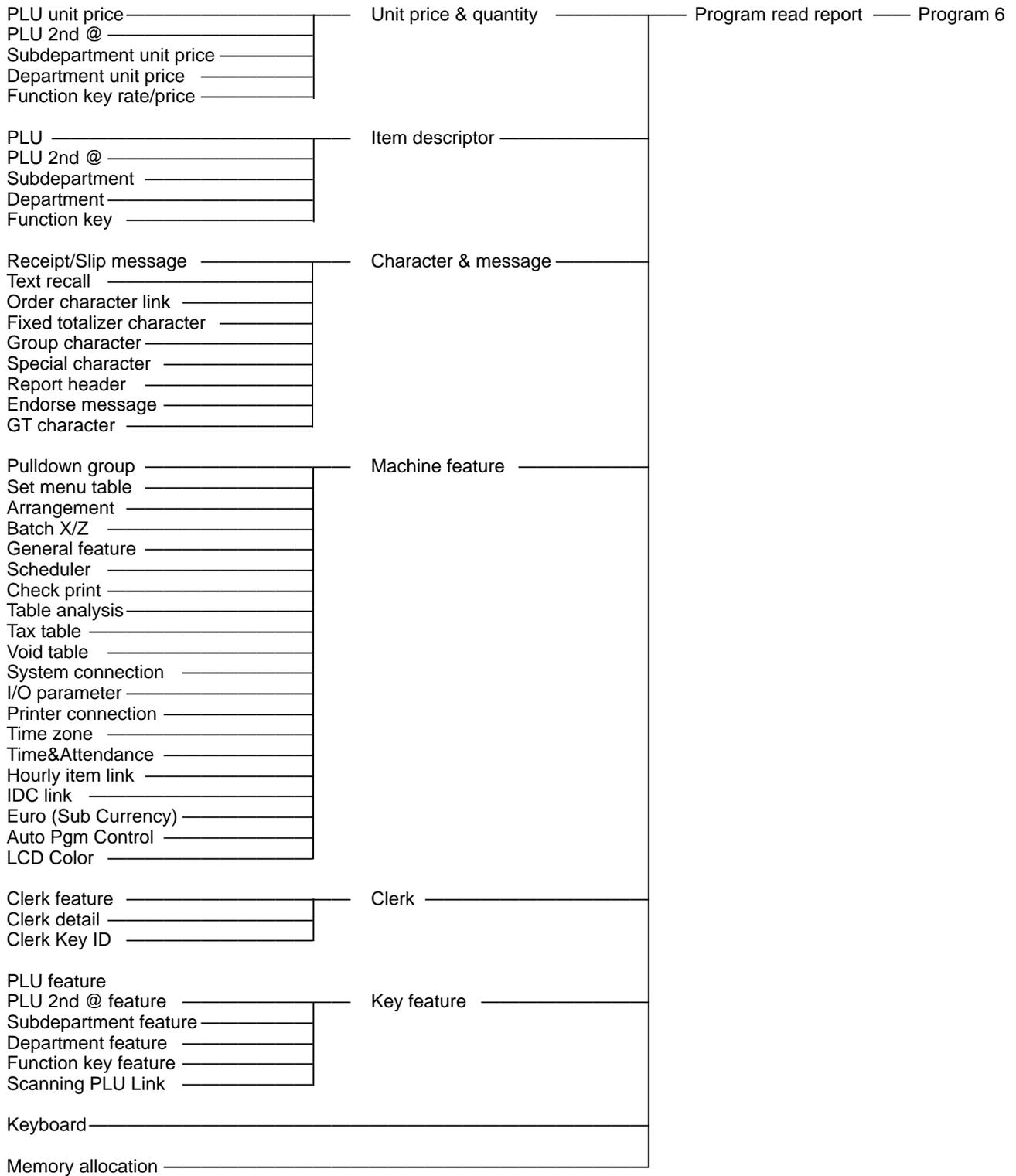
Program 1 mode Hierarchy



Program 2 mode Hierarchy



Program 6 mode Hierarchy



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