

# QT-6600

Touch Screen Smart Terminal

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## Programming Manual

Version 1.1 December 2008



**CASIO®**

# **Preface**

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## **Printing history**

### **Manual version**

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### **Software version**

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## **Revised points**

## **Preconditions for reading this manual**

We suggest two preconditions for reading this manual.

1. A basic understanding of how the QT-6600 series devices must be configured/installed.
2. An understanding of the operational needs of restaurant, bar, fast food and/or general merchandise 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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# Initialization

## 1. Machine Initialization

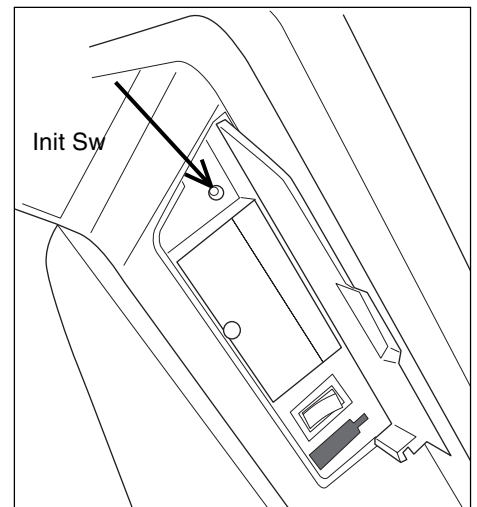
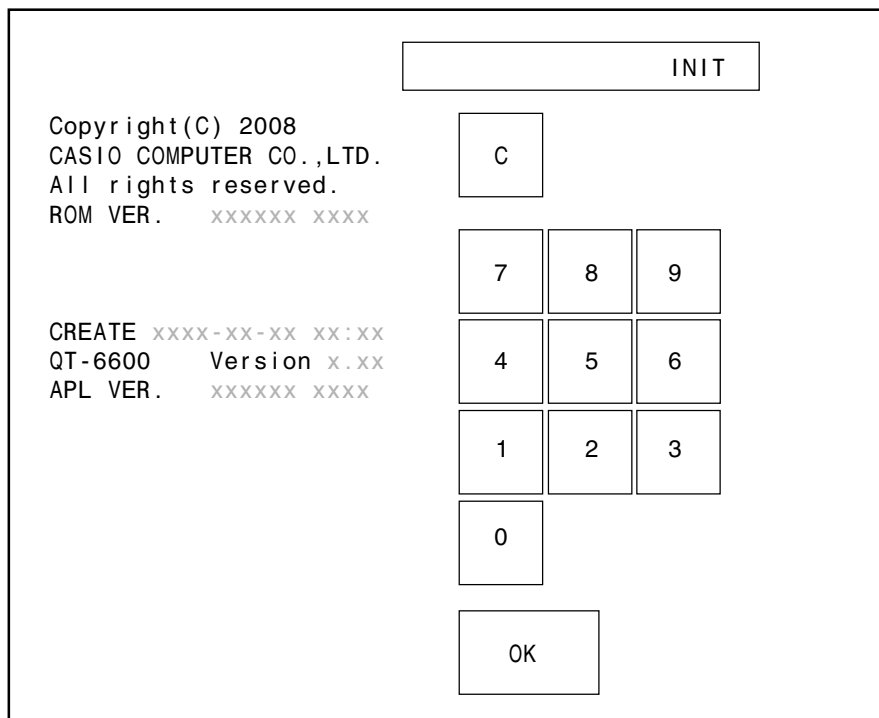
### 1-1. How to initialize the terminal

#### 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:

4. Turn on all peripheral devices of a terminal.
5. Turn on this terminal with pressing the initialize switch and release after beep sound.



6. After releasing the key, enter “20000” (U.S.), “10000” (other area: English), “40000” (other area: Germany), “50000” (other area: French), “60000” (other area: Spanish) and press the <OK> key.



## Enter terminal ID and IP address

ID & IP ADDRESS	
Terminal ID	ENTER ID
OK?	Yes

Terminal ID: 0, 1 ~ 32

Press <YES> to continue.

### • Case 1: If your system has no LAN device = "0"

OK?	Yes
-----	-----

Press <YES> to continue.

### • Case 2: Terminal ID = "1"

IP ADDRESS	MANUAL
	192.168. 0. 1
DHCP	SERVER
FTP Server	Yes
OK?	Yes

Enter IP address if you want to change.

Select "CLIENT", if you want to use this terminal as a DHCP client.

Select <YES>, if you want to use this terminal as an FTP server.

Select <NO>, if you want to use this terminal as a client.

Press <YES> to continue.

\* The IP address of each terminal should be the unique number from 192.168. 0. 1 to 192.168.255.255. (Do not change the default value, if you don't have enough knowledge about IP address.)

### • Case 3: Terminal ID = "2" ~ "32"

IP ADDRESS	AUTO
FTP Server	Yes
OK?	Yes

Select "MANUAL", if you want to enter IP address manually.\* (IP address setting line will appear on the screen.)

Press <YES> to continue.

\* Do not select "IP ADDRESS MANUAL", if you don't have enough knowledge about IP address.

# Initialization

## Declare terminal configuration

Date	01-10-10	—	Enter date if it is wrong, in YY-MM-DD order.
Time	12:34 00	—	Enter time if it is wrong, in HH-MM order.
ID Character	MC #01	—	Within 12 characters
Check System	Master	—	Master / Backup master / Satellite / Self master
Check Cluster ID	0	—	Enter cluster No. "1" ~ "9", if using check cluster system.
R/J/Order Printer1	No	—	Select the appropriate RS-232C printer.
R/J/Order Printer2	No		
R/J/Order Printer3	No		
Slip Printer	No	—	Select the appropriate slip printer.
OK?	YES	—	Press <YES> to continue.

## Program restoration

INIT	10-10-01	12:34	000001		
AUTO PGM					
1.No Restore / Receive				—	Select, if no need to download any data.
2.PGM Restore (CF Card)				—	Select to download a program data from CF card.
3.PGM Receive (Inline)				—	Select to download a program data from other terminal.

- **Restore from CF card.**

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

- **Program receive from other terminal.**

INIT	10-10-01	12:34	000001		
Receive Data	All PGM			—	All Data (including totalizer) / All PGM (program only)
PGM Receive from	MC #05			—	Select the machine to send the data.
OK?	YES				

---

## 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.

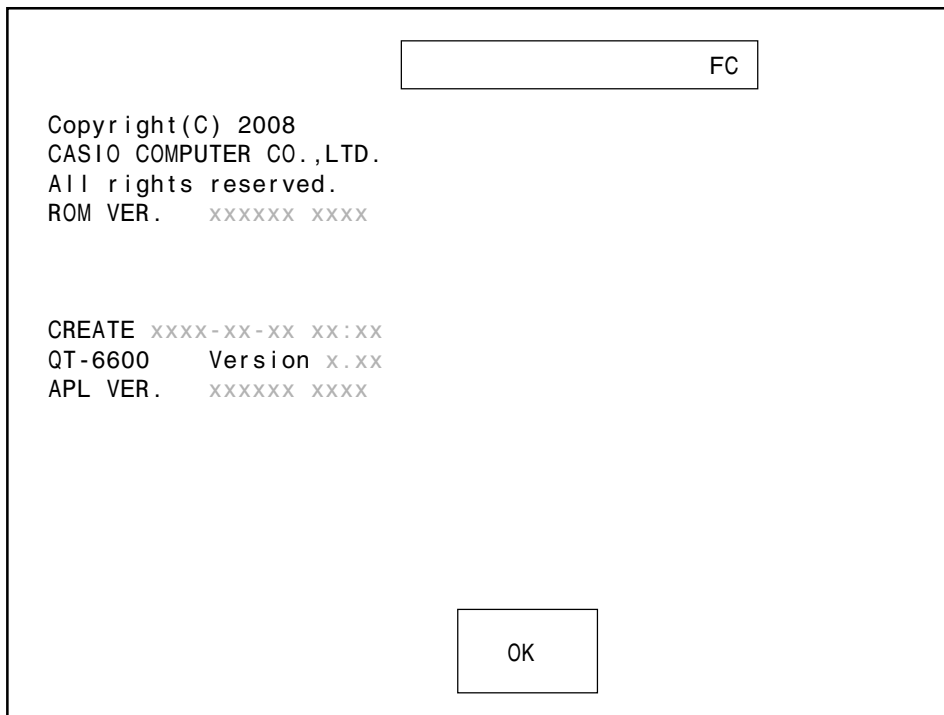
## 1-3. How to flag clear the terminal (or INIT2)

### 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 <DISP ON/OFF> key.
6. Press <OK> key.



7. Select “1. Flag Clear” and press <YES> key to flag clear.  
or select “2.Init2” and press <YES> key and enter “8888888888” and <YES> key to Init 2.



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# Program 5

## 2. Program 5

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

Location: <PGM5> → 1.Memory Alloc → 1.Daily & PGM

Daily & PGM		Title
Cashier/Clerk	15	Cashier/clerk record No. (0 ~ 99)
Check Tracking Tables	60	Check tracking table record No. (0 ~ 200, ~ 400: using customer func.)
Items/Table	60	No. of items per table (0 ~ 1000)
Item Blocks	1	No. of item blocks (0 ~ 9)
Table Analysis	10	Table analysis record No. (0 ~ 99)
PLU	900	PLU record No. (0 ~ 9999)
PLU 2nd@	0	PLU 2nd unit price record No. (0 ~ 9999)
Shift PLU	0	Shift PLU record No. (0 ~ 9999)
Pulldown Group	70	Pulldown group record No. (0 ~ 999)
Set Menu Table	10	Set menu table record No. (0 ~ 999)
Sub-Department	10	Subdepartment record No. (0 ~ 99)
Department	10	Department record No. (0 ~ 99)
Group	10	Group record No. (0 ~ 99)
Receipt/SLIP Msg	3	Receipt/Slip message record No. (0 ~ 96)
Text Recall	99	Text recall record No. (0 ~ 9999)
Order Char Link	10	Order character record No. (0 ~ 99)
Void Table	10	Void table record No. (0 ~ 99)
Free Function	100	Free function record No. (0 ~ 999)
Mix&Match	0	Mix & match record No. (0 ~ 99)
Time Zone	0	Time zone record No. (0 ~ 24)
Hourly Production	0	Hourly production record No. (0 ~ 96)
Hourly Labor	0	Hourly labor record No. (0 ~ 96)
Employee	0	Employee record No. (0 ~ 99)
Job Code	0	Job code record No. (0 ~ 50)
IDC Link	0	IDC link record No. (0 ~ 999)
IDC(1)	0	IDC (1) record No. (0 ~ 9999)
IDC(2)	0	IDC (2) record No. (0 ~ 9999)
IDC(3)	0	IDC (3) record No. (0 ~ 9999)
BMP Picture	0	BMP picture file (file-910) record No. (0 ~ 85500)
Additional BMP Picture	0	Additional BMP picture file (file-909) record No. (0 ~ 44100)
RAM	22688	The remainder of the memory. (bytes)

## 2-2. Programming memory allocation (hospitality features)

Operation: <PGM5> → 1.Memory Alloc → 2.Hospitality Features

Hospitality Feature		Title
Simple Time/Atten Records	0	Simple Time & attendance (file-013) record No. (0 ~ 9999)
Sign off Reasons	0	Sign off reasons (file-944) record No. (0 ~ 10)
Free Function List	0	Free function list (file-946) record No. (0 ~ 99)
Additional PLU Character	0	Additional PLU character (file-941) record No. (0 ~ 9999)
User Logo	0	User logo (file-796) record No. (0 or 9833)
Check Window 21	0	Check window 21 (file-797) record No. (0 or 9833)
Check Window 22	0	Check window 22 (file-798) record No. (0 or 9833)
Check Window 23	0	Check window 23 (file-799) record No. (0 or 9833)
Keys for Check Window	0	Keys for check full-screen window (file-795) record No. (240)
Additional Item PGM	0	Additional item program (file-814) record No. (0 ~ 9999) *1
Add. Order Control	0	Additional order control (file-822) record No. (0 or 16)
	RAM	22688
		The remainder of the memory. (bytes)

\*1: If not "0", allocate the same number of file-004 automatically.

## 2-3. Programming memory allocation (scanning system)

Operation: <PGM5> → 1.Memory Alloc → 3.Scanning System

Scanning System		Title
Scanning System	0	Scanning system (file-016) record No. (0 ~ 100000)
Price 2 Scanning PLU	0	2nd price of scanning PLU (file-116) record No. (0 ~ 100000) *1
Price 3 Scanning PLU	0	3rd price of scanning PLU (file-216) record No. (0 ~ 100000) *1
Price 4 Scanning PLU	0	4th price of scanning PLU (file-316) record No. (0 ~ 100000) *1
Price 5 Scanning PLU	0	5th price of scanning PLU (file-416) record No. (0 ~ 100000) *1
Price 6 Scanning PLU	0	6th price of scanning PLU (file-516) record No. (0 ~ 100000) *1
Price 7 Scanning PLU	0	7th price of scanning PLU (file-616) record No. (0 ~ 100000) *1
Additional Scan Reports	0	Additional scan PLU report (file-716) record No. (0 ~ 100000) *1
Batch Maintenance	0	Batch maintenance file (file-070) record No. (0 ~ 1000)
Multi EAN File	0	Multi EAN link file (file-075) record No. (0 ~ 100000)
NLU File	0	NLU file (file-077) record No. (0 ~ 999)
Non PLU Table	0	Non PLU table file (file-976) record No. (0 ~ 999)
Scan Mix&Match	0	Scan Mix 6 match file (file-056) record No. (0~ 99)
VMP File	0	Add on VMP file (file-040) record No. (0 ~ 999)
	RAM	22688
		The remainder of the memory. (bytes)

\*1: If not "0", allocate the same number of file-016 automatically.

# Program 5

## 2-4. Programming memory allocation (external devices)

Operation: <PGM5> → 1.Memory Alloc → 4.External Device

Ext. Devices		Title
External REG Buffer	0	External register buffer file (file-983) record No. (0 ~ rec. No. of file-036)
External Device Number	0	External device serial number file (file-920) record No. (0 ~ 4)
External Journal Buffer	0	External journal buffer file (file-848) record No. (0 ~ rec. No. of file-048)
External IDC Buffer	0	External IDC buffer file (file-863) record No. (0 ~ rec. No. of file 063)
OMS Fax Message Buffer	0	OMS fax message (file-835) record No. (0 ~ 121)
<div style="border: 1px solid black; padding: 2px; display: inline-block;">RAM            22688</div>		The remainder of the memory. (bytes)

## 2-5. Programming memory allocation (periodic & work)

Operation: <PGM5> → 1.Memory Alloc → 5.Periodic & Work

Periodic & Work		Title
PLU		for PLU totalizers and counters
Periodic(1) Totalizer	YES	Allocate periodic 1 totalizer (YES) or no (NO)
Periodic(2) Totalizer	NO	Allocate periodic 2 totalizer (YES) or no (NO)
Consolidation & Work	YES	Allocate consolidation and work file (YES) or no (NO)
Except PLU		for totalizers and counters except PLU
Periodic(1) Totalizer	YES	Allocate periodic 1 totalizer (YES) or no (NO)
Periodic(2) Totalizer	NO	Allocate periodic 2 totalizer (YES) or no (NO)
Consolidation & Work	YES	Allocate consolidation and work file (YES) or no (NO)
<div style="border: 1px solid black; padding: 2px; display: inline-block;">RAM            22688</div>		The remainder of the memory. (bytes)

**Note:**

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



## 2-6. Programming memory allocation file by file

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

**Operation: <PGM5> → 1.Memory Alloc → 6.Individual File**

Individual File		Title
FILE001	85	File name/allocated record No.
FILE101	85	
FILE201	0	Designate the appropriate file, enter the record No. and press <YES>.
FILE301	85	
FILE401	85	
FILE501	0	
FILE601	85	
FILE002	85	
:		
RAM	612	The remainder of the memory. (bytes)

## Program 5

File No.	File description	Record length	Max. No. of records	Default rec No.	Description	Attribution	Allocatable
System files							
074	Physical key table	48	2	2		Program	No
174	Touch screen key table	33	2280	2280		Program	No
274	Character key table	9	152	152		Program	No
900	TCP/IP control	11	26	26		Program	Yes
901	System connection table	24	33	33		Program	No
902	I/O parameter	8	20	20		Program	No
903	Printer connection table	27	34	34		Program	Yes
904	Consecutive number	3	11	11		Buffer	No
905	Auto program control	3	20	20		Program	Yes
906	Display area color definition	8	99	10		Program	Yes
907	Keyboard color definition	9	100	100		Program	No
908	Keyboard color theme	9	100	100		Program	No
911	FTP login password	20	10	10		Program	Yes
912	FTP server name	98	9	9		Program	Yes
913	FTP trans file	44	99	10		Program	Yes
999	System error log	11	100	100		Buffer	Yes
Function and total files							
001	Fixed totalizer	26	85	85		Pgm/Sales	No
101	(periodic total 1)	10	85	85		Sales	Yes
201	(periodic total 2)	10	85	0		Sales	Yes
301	(daily consolidation)	10	85	85	for master	Sales	Yes
401	(periodic 1 consolidation)	10	85	85	for master	Sales	Yes
501	(periodic 2 consolidation)	10	85	0	for master	Sales	Yes
601	(consolidation work)	10	85	85	for master	Buffer	Yes
002	Transaction key	42	999	200		Pgm/Sales	Yes
102	(periodic total 1)	10	999	200		Sales	Yes
202	(periodic total 2)	10	999	0		Sales	Yes
302	(daily consolidation)	10	999	200	for master	Sales	Yes
402	(periodic 1 consolidation)	10	999	200	for master	Sales	Yes
502	(periodic 2 consolidation)	10	999	0	for master	Sales	Yes
602	(consolidation work)	10	999	200	for master	Buffer	Yes
003	Subdepartment	63	99	10		Pgm/Sales	Yes
103	(periodic total 1)	15	99	10		Sales	Yes
203	(periodic total 2)	15	99	0		Sales	Yes
303	(daily consolidation)	15	99	10	for master	Sales	Yes
403	(periodic 1 consolidation)	15	99	10	for master	Sales	Yes
503	(periodic 2 consolidation)	15	99	0	for master	Sales	Yes
603	(consolidation work)	15	99	10	for master	Buffer	Yes
004	PLU	100	9999	900		Pgm/Sales	Yes
104	(periodic total 1)	30	9999	900		Sales	Yes
204	(periodic total 2)	30	9999	0		Sales	Yes
304	(daily consolidation)	30	9999	900	for master	Sales	Yes
404	(periodic 1 consolidation)	30	9999	900	for master	Sales	Yes
504	(periodic 2 consolidation)	30	9999	0	for master	Sales	Yes
604	(consolidation work)	30	9999	900	for master	Buffer	Yes
005	Department	66	99	10		Pgm/Sales	Yes
105	(periodic total 1)	15	99	10		Sales	Yes
205	(periodic total 2)	15	99	0		Sales	Yes
305	(daily consolidation)	15	99	10	for master	Sales	Yes
405	(periodic 1 consolidation)	15	99	10	for master	Sales	Yes
505	(periodic 2 consolidation)	15	99	0	for master	Sales	Yes
605	(consolidation work)	15	99	10	for master	Buffer	Yes

File No.	File description	Record length	Max. No. of records	Default rec No.	Description	Attribution	Allocatable
006	Group	26	99	10		Pgm/Sales	Yes
106	(periodic total 1)	10	99	10		Sales	Yes
206	(periodic total 2)	10	99	0		Sales	Yes
306	(daily consolidation)	10	99	10	for master	Sales	Yes
406	(periodic 1 consolidation)	10	99	10	for master	Sales	Yes
506	(periodic 2 consolidation)	10	99	0	for master	Sales	Yes
606	(consolidation work)	10	99	10	for master	Buffer	Yes
009	Hourly sales	20	96	24		Sales	Yes
109	(periodic total 1)	20	96	24		Sales	Yes
209	(periodic total 2)	20	96	0		Sales	Yes
309	(daily consolidation)	20	96	24	for master	Sales	Yes
409	(periodic 1 consolidation)	20	96	24	for master	Sales	Yes
509	(periodic 2 consolidation)	20	96	0	for master	Sales	Yes
609	(consolidation work)	20	96	24	for master	Buffer	Yes
010	Monthly sales	20	32	32		Sales	Yes
110	(periodic total 1)	20	32	32		Sales	Yes
210	(periodic total 2)	20	32	0		Sales	Yes
310	(daily consolidation)	20	32	32	for master	Sales	Yes
410	(periodic 1 consolidation)	20	32	32	for master	Sales	Yes
510	(periodic 2 consolidation)	20	32	0	for master	Sales	Yes
610	(consolidation work)	20	32	32	for master	Buffer	Yes
012	Void reason	29	99	10		Pgm/Sale	Yes
112	(periodic total 1)	10	99	10		Sales	Yes
212	(periodic total 2)	10	99	0		Sales	Yes
312	(daily consolidation)	10	99	10	for master	Sales	Yes
412	(periodic 1 consolidation)	10	99	10	for master	Sales	Yes
512	(periodic 2 consolidation)	10	99	0	for master	Sales	Yes
612	(consolidation work)	10	99	10	for master	Buffer	Yes
016	Scanning PLU	53	100000	0		Pgm/Sales	Yes
116	Scanning PLU shift (2)	30	100000	0		Pgm/Sales	Yes
216	Scanning PLU shift (3)	30	100000	0		Pgm/Sales	Yes
316	Scanning PLU shift (4)	30	100000	0		Pgm/Sales	Yes
416	Scanning PLU shift (5)	30	100000	0		Pgm/Sales	Yes
516	Scanning PLU shift (6)	30	100000	0		Pgm/Sales	Yes
616	Scanning PLU shift (7)	30	100000	0		Pgm/Sales	Yes
716	Additional scan PLU report	11	100000	0		Pgm/Sales	Yes
076	Scanning PLU index	8	100002	0		Buffer	No
018	Table analysis	33	99	10		Pgm/Sale	Yes
118	(periodic total 1)	10	99	10		Sales	Yes
218	(periodic total 2)	10	99	0		Sales	Yes
318	(daily consolidation)	10	99	10	for master	Sales	Yes
418	(periodic 1 consolidation)	10	99	10	for master	Sales	Yes
518	(periodic 2 consolidation)	10	99	0	for master	Sales	Yes
618	(consolidation work)	10	99	10	for master	Buffer	Yes
020	Grand total	24	3	3		Pgm/Sale	No
120	(periodic total 1)	8	3	3		Sales	Yes
220	(periodic total 2)	8	3	0		Sales	Yes
320	(daily consolidation)	8	3	3	for master	Sales	Yes
420	(periodic 1 consolidation)	8	3	3	for master	Sales	Yes
520	(periodic 2 consolidation)	8	3	0	for master	Sales	Yes
620	(consolidation work)	8	3	3	for master	Buffer	Yes
051	Mix and match	76	99	0		Pgm/Sale	Yes
151	(periodic total 1)	10	99	0		Sales	Yes
251	(periodic total 2)	10	99	0		Sales	Yes
351	(daily consolidation)	10	99	0	for master	Sales	Yes
451	(periodic 1 consolidation)	10	99	0	for master	Sales	Yes
551	(periodic 2 consolidation)	10	99	0	for master	Sales	Yes
651	(consolidation work)	10	99	0	for master	Buffer	Yes

## Program 5

File No.	File description	Record length	Max. No. of records	Default rec No.	Description	Attribution	Allocatable
055	Shift PLU	119	9999	0		Pgm/Sale	Yes
155	(periodic total 1)	70	9999	0		Sales	Yes
255	(periodic total 2)	70	9999	0		Sales	Yes
355	(daily consolidation)	70	9999	0	for master	Sales	Yes
455	(periodic 1 consolidation)	70	9999	0	for master	Sales	Yes
555	(periodic 2 consolidation)	70	9999	0	for master	Sales	Yes
655	(consolidation work)	70	9999	0	for master	Buffer	Yes
056	Scan mix and match	49	99	0		Pgm/Sale	Yes
156	(periodic total 1)	10	99	0		Sales	Yes
256	(periodic total 2)	10	99	0		Sales	Yes
356	(daily consolidation)	10	99	0	for master	Sales	Yes
456	(periodic 1 consolidation)	10	99	0	for master	Sales	Yes
556	(periodic 2 consolidation)	10	99	0	for master	Sales	Yes
656	(consolidation work)	10	99	0	for master	Buffer	Yes
Hourly item							
021	Hourly item	10	1920	1920		Sales	Yes
121	(periodic total 1)	10	1920	0		Sales	Yes
221	(periodic total 2)	10	1920	0		Sales	Yes
321	(daily consolidation)	10	1920	0	for master	Sales	Yes
421	(periodic 1 consolidation)	10	1920	0	for master	Sales	Yes
521	(periodic 2 consolidation)	10	1920	0	for master	Sales	Yes
621	(consolidation work)	10	1920	0	for master	Buffer	Yes
031	Hourly item link	4	480	480		Program	Yes
Clerk							
007	Clerk	97	99	10		Program	Yes
030	Clerk detail link	4	99	10		Program	Yes
027	Clerk (i-Button) key ID	17	300	10		Program	Yes
011	Clerk detail	10	9801	100		Sales	Yes
111	(periodic total 1)	10	9801	100		Sales	Yes
211	(periodic total 2)	10	9801	0		Sales	Yes
311	(daily consolidation)	10	9801	100	for master	Sales	Yes
411	(periodic 1 consolidation)	10	9801	100	for master	Sales	Yes
511	(periodic 2 consolidation)	10	9801	0	for master	Sales	Yes
611	(consolidation work)	10	9801	100	for master	Buffer	Yes
Time & Attendance							
013	Simple time & attendance	17	9999	0		Sales	Yes
014	Hourly / Labor	26	96	96		Sales	Yes
114	(periodic total 1)	26	96	0		Sales	Yes
214	(periodic total 2)	26	96	0		Sales	Yes
314	(daily consolidation)	26	96	0	for master	Sales	Yes
414	(periodic 1 consolidation)	26	96	0	for master	Sales	Yes
514	(periodic 2 consolidation)	26	96	0	for master	Sales	Yes
614	(consolidation work)	26	96	0	for master	Buffer	Yes
019	Work time	18	4158	420		Sales	Yes
319	(daily consolidation)	18	4158	0	for master	Sales	Yes
800	Time zone	6	24	24		Program	Yes
801	Employee	36	99	10		Program	Yes
802	Job code	22	50	5		Program	Yes
803	Schedule	11	2079	210		Program	Yes
806	Time & Attendance work	99	1	1		Buffer	No
944	Clock-out reason	16	10	0		Program	Yes
Check							
015	Check Index	320	4000	200		Buffer	Yes
060	Check detail	100	200000	4880		Buffer	Yes
066	Check detail work	100	2000	244		Buffer	Yes

**Note: Never allocate "Shift PLU" files, if you use "Accumulation for menu totaling specification".**

File No.	File description	Record length	Max. No. of records	Default rec No.	Description	Attribution	Allocatable
Customer							
037	Customer	170	4000	100	for master	Pgm/sales	Yes
042	Customer group	122	20	5		Pgm/sales	Yes
142	(periodic total 1)	15	20	0		Sales	Yes
242	(periodic total 2)	15	20	0		Sales	Yes
342	(daily consolidation)	15	20	0	for master	Sales	Yes
442	(periodic 1 consolidation)	15	20	0	for master	Sales	Yes
542	(periodic 2 consolidation)	15	20	0	for master	Sales	Yes
642	(consolidation work)	15	20	0	for master	Buffer	Yes
123	Customer title	8	9	5		Program	Yes
Arrangement							
038	Arrange group (1)	24	9999	450		Program	Yes
138	Arrange group (2)	24	9999	0		Program	Yes
238	Arrange group (3)	24	9999	0		Program	Yes
338	Arrange group (4)	24	9999	0		Program	Yes
438	Arrange group (5)	24	9999	0		Program	Yes
IDC							
057	IDC (1)	60	100000	0		Buffer	Yes
357	(consolidation file)	60	100000	0	for master	Buffer	Yes
657	(consolidation work)	60	100000	0	for master	Buffer	Yes
058	IDC (2)	60	100000	0		Buffer	Yes
358	(consolidation file)	60	100000	0	for master	Buffer	Yes
658	(consolidation work)	60	100000	0	for master	Buffer	Yes
059	IDC (3)	60	100000	0		Buffer	Yes
359	(consolidation file)	60	100000	0	for master	Buffer	Yes
659	(consolidation work)	60	100000	0	for master	Buffer	Yes
063	IDC buffer	60	9999	0		Buffer	Yes
804	IDC link	6	999	0		Program	Yes
Program / message / buffer							
022	General control	10	50	50		Program	No
023	Special character	16	99	99		Program	No
024	Report header	16	55	55		Program	No
025	Tax table	74	10	5		Program	Yes
026	Pulldown group	921	999	70		Program	Yes
028	Set menu table	80	999	10		Program	Yes
029	Batch X/Z	10	10	4		Program	Yes
032	Receipt / slip message	40	96	96		Program	Yes
033	Endorse message	40	4	4		Program	Yes
035	Print buffer	80	2000	720		Buffer	Yes
036	Registration buffer	100	2000	240		Buffer	Yes
039	Character recall	40	9999	10		Program	Yes
040	Add on/VMP	51	999	0		Buffer	Yes
041	Check print	3	9	9		Program	Yes
044	Display buffer	40	1000	300		Buffer	Yes
047	Graphic logo	13	432/864	432		Program	Yes
048	Electronic journal (normal)	44	1000	600		Buffer	Yes
648	EJ collection (normal)	41	12336	0	for master	Buffer	Yes
050	Electronic journal (intelligent)	101	100000	0		Buffer	Yes
650	EJ collection (intelligent)	101	100000	0	for master	Buffer	Yes
054	PLU 2nd @	50	9999	0		Program	Yes
062	Scheduler	14	99	4		Program	Yes
065	Order character	16	99	10		Program	Yes
070	Batch maintenance	39	1000	0		Program	Yes
075	Multi EAN link	12	100000	0		Program	Yes
077	NLU table	12	999	0		Program	Yes

## Program 5

File No.	File description	Record length	Max. No. of records	Default rec No.	Description	Attribution	Allocatable
085	Menu level character	40	60	60		Program	Yes
087	Character conversion for CF	6	100	10		Program	Yes
099	Euro program	4	3	0		Program	Yes
115	Check-# pop-up window definition	7	700	700		Program	Yes
117	Clerk pop-up window definition	6	315	315		Program	Yes
127	Tare table	22	9	0		Program	Yes
374	PS/2 key table	6	811	811		Program	Yes
701	Sound 1	128	65000	350		Program	Yes
702	Sound 2	128	65000	350		Program	Yes
703	Sound 3	128	65000	350		Program	Yes
704	Sound 4	128	65000	350		Program	Yes
705	Sound 5	128	65000	350		Program	Yes
706	Sound 6	128	65000	350		Program	Yes
707	Sound 7	128	65000	0		Program	Yes
708	Sound 8	128	65000	0		Program	Yes
709	Sound 9	128	65000	0		Program	Yes
710	Sound 10	128	65000	0		Program	Yes
795	Key table (for full screen)	62	240	0		Program	Yes
796	Screen logo	160	9833	0		Program	Yes
797	Full screen check window 1	160	9833	0		Program	Yes
798	Full screen check window 2	160	9833	0		Program	Yes
799	Full screen check window 3	160	9833	0		Program	Yes
814	Additional PLU item program*	46	9999	0		Program	Yes
822	Additional order control	7	16	0		Program	Yes
835	External device fax message bfr	128	121	0		Buffer	Yes
848	External device EJ buffer	41	1000	0		Buffer	Yes
863	External device IDC buffer	60	9999	0		Buffer	Yes
909	Additional bitmap image	200	29400	504		Program	Yes
910	Keyboard bitmap image	200	93600	0		Program	Yes
920	External device serial number	3	4	0		Program	Yes
941	Additional PLU character	32	9999	0		Program	Yes
946	Free function list	2	99	0		Program	Yes
976	Non PLU table	5	999	0		Program	Yes
983	External device REG buffer	100	2000	0		Buffer	Yes

\* In case of using this file, enter the same record number of PLU file.

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<b>3. Program 4 .....</b>	<b>P-24</b>
3-1. Programming key allocation .....	P-24
3-2. Programming key allocation (key location change) .....	P-24
3-3. Programming key allocation (key attribution) .....	P-26
3-4. Programming key allocation (key delete) .....	P-27
3-5. Programming key allocation on a different menu sheet .....	P-27
3-6. Programming key allocation on a specific menu sheet .....	P-27

# Program 4

## 3. Program 4

### 3-1. Programming key allocation

Operation: <PGM4> → 1.Keyboard → 1.Key Assign

Key Assign		
000.NOP	001.CASH	002.CHARGE
003.CHECK	004.CREDIT	005.FSTD
006.NB	007.EBTTD	008.PRCINQ
009.STKINQ	010.CHAR	011.PRT
012.CHKP	013.CLK TRAN	014.TBL TRAN
015.TIP	016.NRMRCT	019.LOAN
020.RC	021.PD	022.P.UP
023.COUPON	025.DEPOSIT	027.-
028.%-	029.+	030.%+
033.RF	034.VOID	036.CPN2
	:	

Function code / Initial character

- **Method A:** Select the function in this list (or enter the function code in the function code list on the next page and press the <YES> key) and press the appropriate key\*.
- \* In case of presetting subdepartment, record No. (in 4-digits) is necessary to enter before pressing the key. In case of presetting department/ flat-PLU, record No. or random code (in 6-digits) is necessary to enter before pressing the key.
- **Method B:** Enter record No. (in 4-digits)\*\* and function code (in 3-digits) and press the appropriate key.
- \*\* In case of presetting department/ flat-PLU, you can enter random code (in 6-digits) instead of record No.

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

Operation: <PGM4> → 1.Keyboard → 2.Key Move

1. Select the key\* you want to move.
  2. Designate the new position of the key.
  3. Press <YES> key.
- \* You cannot move the numeric keys, clear key, escape key, cursor keys, yes/no keys and menu key.

Function	Code	Initial character	Function	Code	Initial character
Add check	094	ADD CHK	Coupon	023	COUPON
Arrangement	044	ARG	Coupon 2	036	CPN2
Bill copy	047	BILL	Coupon number	110	COUPON#
Break-in / out	109	BREAK-IN/OUT	Credit	004	CREDIT
Cancel	236	CANCEL	Cube	090	XXX
Cash amount tendered	001	CASH	Currency exchange	045	CE
Charge	002	CHARGE	Customer ID number	148	CUST#
Check endorsement	039	CK.E	Declaration	061	DECLA
Check print	012	CHKP	Department	051	DEPT nn
Check tender	003	CHECK	Department number	135	DEPT#
Clerk number	072	CLK#	Deposit	025	DEPOSIT
Clerk transfer	013	CLK TRANS	Discount	028	%-
Clock-in / out	108	CLOCK-IN/OUT	Display mode	219	DISP MODE



Function	Code	Initial character	Function	Code	Initial character
Eat-in	128	EAT-IN	Post entry	115	POST ENTRY
EBT tender	007	EBTTD	Premium	030	%+
Electronic journal display	207	EJ DISP	Price inquiry	008	PRCINQ
Error correct / Void	034	VOID	Price	049	PRC
First unit price	069	1st@	Price change	104	PRICECHANGE
Flat PLU	063	PLU nnnn	Quantity / for	083	QT
Food stamp status shift	059	F/S	Recall	131	RECALL
Food stamp subtotal	081	FSST	Receipt	038	RCT
Food stamp tender	005	FSTD	Receipt on / off	076	RCT ON/OFF
Function list	253	FUNCLIST	Received on account	020	RC
House Bon	114	HOUSE BON	Refund	033	RF
Item search	246	SEARCH	Room message	101	ROOM MSG
Ketten Bon	113	X/KETTEN	Room number	100	ROOM#
List	136	LIST	Round repeat	116	ROUND REPEAT
List number	137	LIST#	Scale	088	SCALE
Loan	019	LOAN	Seat number	119	SEAT#
Location change	260	LOCATION	Second unit price	070	2nd@
Lock out unused key	000	NOP	Selective item subtotal	085	SIST
Media change	118	MEDIA CHG	Separate check	095	SEP CHK
Menu shift	064	MENU	Shift PLU	065	SFT PLU
Merchandise subtotal	080	MDST	Slip back feed / release	054	SB/R
Minus	027	-	Slip feed / Release	056	SF/R
Mode	124	MODE	Slip print	055	SLIP
Multiplication	082	X	Split payment	140	SPLIT PAYMENT
New balance	006	NB	Square	084	XX
New check	091	NEW CHK	Stock inquiry	009	STKINQ
New / Old check	093	NEW/OLD	Store	130	STORE
Not found PLU	142	NFP	Subdepartment	133	SUBDEPT nn
Number look up	138	NLU	Subdepartment number	134	SDPT#
Normal receipt	016	NRMRCT	Substitution	111	SUBST.
No sale	042	NS	Subtotal	075	SUBTOTAL
Non-add	040	#	Swipe	172	SWIPE
Non-add / No sale	041	#/NS	Table number	058	TBL#
Number of customer (Covers)	043	CT	Table sharing	261	TBL SHARE
OBR	103	OBR	Table transfer	014	TBL TRANS
Old check	092	OLD CHK	Tare	087	TARE
Open	067	OPEN	Takeout	129	TAKE-OUT
Open2	068	OPEN2	Tax status shift	057	T/S
Open check	117	OPEN CHK	Taxable amount subtotal	077	TAST
Operator number	078	OPE#	Tax exempt	062	EXEMPT
Operator read / reset	073	OPE X/Z	Text print	011	PRT
Order character change	252	ORDER CHAR	Text recall	010	CHAR
Paid out	021	PD	Tray total	074	TRAY TTL
Payment	149	PAYMENT	Tip	015	TIP
Pick up	022	P.UP	Validation	037	VLD
Plus	029	+	VAT	046	VAT
PLU	048	PLU#	Worktime	237	WORKTIME

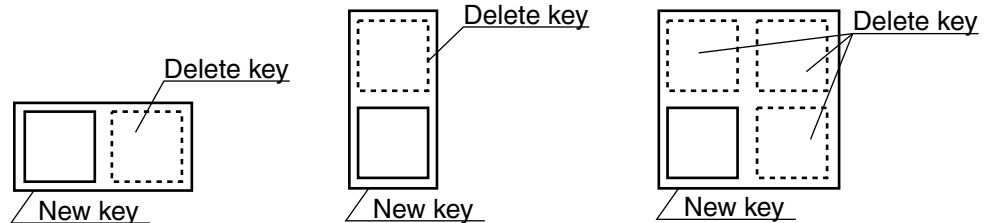
# Program 4

## 3-3. Programming key allocation (key attribution)

Operation: <PGM4> → 1.Keyboard → 3.Key Attribution → Select the job

- **Key Shape**

1. Select the shape.
  2. Designate the key.
- \* In case of assigning double or quadruple key, delete the key which will be hidden by the new big key in advance (both rectangular and circular key).

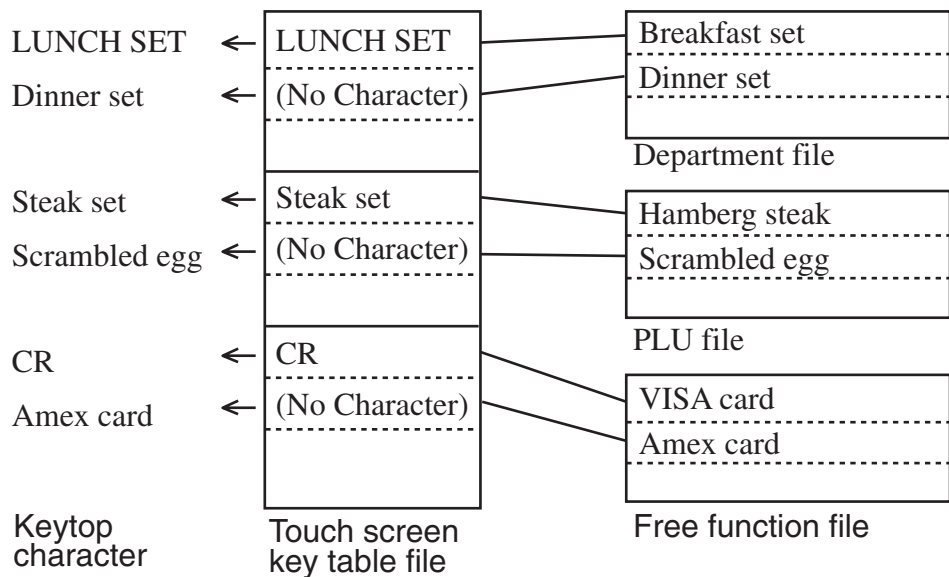


- **Key Color**

1. Select the color.
2. Designate the key.

- **Key Text**

1. Enter the key text (within 24 characters).
  2. Designate the key.
- \* Key text is used for keytop characters only. It is not used for receipt nor report. The key text is displayed prior to the text programmed in the totalizer file.



- **Picture**

1. Select the picture.  
(You can turn up/down the page by entering page No. and press <YES>.)  
(Press <ADDITIONAL> to designate additional bitmap image (file-909) and press <BACK> to designate keyboard bitmap image (file-910).)
2. Designate the key.

**Note:**

- \* Pictures should be downloaded before assigning a picture to a key.
- \*\* In case of changing menu levels by the <MENU> key, change the level before selecting this menu (Key Attribution).

---

### 3-4. Programming key allocation (key delete)

**Operation:** <PGM4> → 1.Keyboard → 4.Key Delete

1. Select the key to delete.

### 3-5. Programming key allocation on a different menu sheet

Allocating a function of different totalizer on the different menu sheets over the designated level.

**Preparation:**

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.

**Operation:** <PGM4> → 1.Keyboard → 1.Key Assign

1. Turn the appropriate menu sheet level by pressing <MENU> key.
2. Designate the function and key by the method A or B, described on the page 24.

**Note:**

The function key allocated without designating record No. links to the function in the first menu sheet.

### 3-6. Programming key allocation on a specific menu sheet

Allocating a function of different totalizer on a specific menu sheet level.

**Preparation:**

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.

**Operation:** <PGM4> → 1.Keyboard → 1.Key Assign

1. Enter the menu sheet level (01 ~ 15)\* and “000” and press the <YES> key.
2. Designate the function and key by the method A or B, described on the page 24.\*\*

\* If you enter “00”, all sheet level is designated.

\*\* If you designate function without entering the record No., the terminal checks the key table file.

(1) No other key uses the record: Use the record.

(2) Other key uses the record: Use the youngest vacant record.

**Note:**

You can allocate function key, flat-PLU key, subdepartment key and department key.



<b>4. Program 3 .....</b>	<b>P-32</b>
4-1. Programming machine features .....	P-32
4-1-1 Programming pulldown group .....	P-32
4-1-2 Programming set menu table .....	P-33
4-1-3 Programming arrangement .....	P-33
4-1-4 Programming batch X/Z report .....	P-33
4-1-5 Programming the general feature .....	P-35
4-1-5-1 Programming the machine control 1 .....	P-35
4-1-5-2 Programming the machine control 2 .....	P-36
4-1-5-3 Programming the machine control 3 .....	P-37
4-1-5-4 Programming the machine control 4 .....	P-37
4-1-5-5 Programming the print control .....	P-38
4-1-5-6 Programming the report control 1 .....	P-39
4-1-5-7 Programming the report control 2 .....	P-40
4-1-5-8 Programming the communication .....	P-41
4-1-5-9 Programming the hourly sales .....	P-41
4-1-5-10 Programming the slip/guest .....	P-42
4-1-5-11 Programming the journal control .....	P-42
4-1-5-12 Programming the message control .....	P-43
4-1-5-13 Programming the order control .....	P-44
4-1-5-14 Programming the set menu / condiment .....	P-45
4-1-5-15 Programming the check tracking .....	P-46
4-1-5-16 Programming the clerk interrupt .....	P-46
4-1-5-17 Programming the display control .....	P-47
4-1-5-18 Programming the menu shift .....	P-47
4-1-5-19 Programming the sound (Error tone and key confirmation tone) .....	P-47
4-1-5-20 Programming Ext. devices .....	P-47
4-1-6 Programming scheduler .....	P-48
4-1-7 Programming check print .....	P-49
4-1-8 Programming table analysis .....	P-50
4-1-9 Programming tax table .....	P-50
4-1-10 Programming void table .....	P-54
4-1-11 Programming system connection .....	P-54
4-1-12 Programming I/O parameter .....	P-55
4-1-13 Programming printer connection .....	P-59
4-1-14 Programming time zone .....	P-60
4-1-15 Programming time & attendance .....	P-61
4-1-15-1 Programming time & attendance (general) .....	P-61
4-1-15-2 Programming time & attendance (job code) .....	P-61
4-1-15-3 Programming time & attendance (employee & schedule) .....	P-62
4-1-16 Programming hourly item link .....	P-63
4-1-17 Programming mix & match .....	P-63
4-1-18 Programming IDC link .....	P-64
4-1-19 Programming Euro .....	P-64
4-1-20 Programming auto program control .....	P-65
4-1-21 Programming Screen color control .....	P-66
4-1-22 Programming Australian Features .....	P-67
4-1-23 Programming 22nd address .....	P-67
4-1-24 Programming check window .....	P-68
4-1-25 Programming customer control .....	P-69
4-1-26 Programming customer group .....	P-69
4-1-27 Programming character conversion table for CF X/Z data .....	P-70
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# Program 3

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## 4. Program 3

### 4-1. Programming machine features

#### 4-1-1 Programming pulldown group

Operation: <PGM3> → 1.Machine Feature → 1.Pulldown Group → Select Pulldown group

Pulldown Group	
List Title : LIST01	0001-026
Number of Stay down (Max)	0
Number of Stay down (Min)	0
OK?	YES

— List title

— 0 = Status type, 1 ~ 8 = The number of times for stay down,  
9 = No limitation

→ Select job (Items / Window Color / Key Shape / Key Color)

- Item (Addition / Modification)

→ Select items from \*PLU, Pulldown Group, Mix & match or Free Function

- Item (Deletion) \*\*

→ Select the first deleting item in the LIST and press <NO> key.

- Window color

→ Select window color from the list screen

- Key Shape

→ Select key shape from the list screen

- Key Color

→ Select key color from the list screen

- Key Text

→ Enter the key text of the pulldown group if you want to change it.

\* Item selection: There are 3 methods to select items.

1. Select by cursor.
2. Press the appropriate PLU key directly.
3. Designate PLU record No. or random No.



#### 4-1-2 Programming set menu table

Operation: <PGM3> → 1.Machine Feature → 2.Set Menu Table → Select set menu table

- Item (Addition / Modification)

→ Select items from \*PLU, PLU 2nd@, Pulldown Group (Max. 20 items can be set)

→ Select the parent item

- Item (Deletion)

→ Select the first deleting item in the LIST and press <NO> key.

Set Menu Table (0001)	
Link:PLU0001	0001-04
OK:	YES

— Set menu parent item

\* **PLU Item selection:** There are 3 methods to select items.

1. Select by cursor.
2. Press the appropriate PLU key directly.
3. Designate PLU record No. or random No.

#### 4-1-3 Programming arrangement

Operation: <PGM3> → 1.Machine Feature → 3.Arrangement → Select arrange group

ARG GP1	
0001-038	
0002-038	
0003-038	
0004-038	
0005-038	
0006-038	
0007-038	
0008-038	
0009-038	
0010-038	
0011-038	

— Enter arrange command by character.

#### 4-1-4 Programming batch X/Z report

Operation: <PGM3> → 1.Machine Feature → 4.Batch X/Z

Batch X/Z	
0001-029	00001112151700000000
0002-029	00401112151700000000
0003-029	00011112151700000000
0004-029	00401112151700000000

— Enter report code (see the next page).

# Program 3

## Worksheet for batch X/Z report program

Description		Choice	Program code
Send X data during read report.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D <sub>20</sub>
Send Z data during reset report.	b	No = 0 Yes = 2	
Issue report, in case of sending data.	c	Yes = 0 No = 4	
Data designation: to CF card = 0, to FTP = 1 ~ 9 (rec-# of file 912)		Significant number	<input type="checkbox"/> D <sub>19</sub>
Allow to issue read report.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D <sub>18</sub>
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 Periodic 1 Cons. area = 4, Periodic 2 Cons.area = 5		Significant number	<input type="checkbox"/> D <sub>17</sub>
Report code 1		Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D <sub>16</sub> D <sub>15</sub>
Report code 2		Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D <sub>14</sub> D <sub>13</sub>
Report code 3		Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D <sub>12</sub> D <sub>11</sub>
Report code 4		Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D <sub>10</sub> D <sub>9</sub>
Report code 5		Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D <sub>8</sub> D <sub>7</sub>
Report code 6		Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D <sub>6</sub> D <sub>5</sub>
Report code 7		Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D <sub>4</sub> D <sub>3</sub>
Report code 8		Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D <sub>2</sub> D <sub>1</sub>

Report	Report code	Report	Report code
Fixed totalizer report	11	Scanning PLU report **	26
Function key report	12	Table analysis report	28
Subdepartment report	13	Electronic journal *	58
PLU report	14	Employee (all) report	29
PLU stock report	64	Hourly/labor report	24
Department report	15	Hourly item report	31
Group report	16	Customer report	47
Cashier/clerk report	17	Customer group report	52
Hourly sales report	19	Intelligent electronic journal *	60
Monthly sales report	20	Mix and match report	61
Void reason report	22	Scan Mix and match report	66
Open check report	25	IDC (1) ~ (3) *	67 ~ 69

\* No report is issued (data sending only).

\*\* Except inline X/Z

## 4-1-5 Programming the general feature

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

Operation: <PGM3> → 1.Machine Feature → 5.General Feature → 1.Machine Control 1

Machine Control 1			
Order of Date	DD/MM/YY	—	Year/Month/Day, Day/Month/Year, Month/Day/Year.
Add Mode	Add2	—	Add 2 (ex. dollar and cent), Add 0 (JPY) or Add 1, 3.
Reset consecutive number to initial value after taking daily fixed totalizer report	NO	—	Reset the consecutive No. to the initial value after taking daily fixed totalizer report:
Reset invoice No. after Z11	NO	—	Reset invoice No. after daily fixed total reset report.
Initial value for consecutive number	0	—	Consecutive No. starts preset value +1. (Initial value of consecutive number: 1 ~ 999999.)
Country Rounding	None	—	None, IF1, IF2, Danish, Norwegian/Swedish, Singaporean, Australian, Finnish, New Zealander (A), New Zealander (B), South African and Malaysian rounding.
Tax System	VAT/Single Tax	—	VAT / Single tax, US, Canada, Singapore tax system.
Baked Goods Tax Exempt Qty	6	—	
Disable to amount tender in RF /REG- mode	YES	—	
VLD compulsory & Drawer Open	At Once	—	At once / After compulsory
Food Stamp System	Payable	—	Payable / Illinois rule / New Jersey rule
Money-in-drawer limit alarm Maximum value of left most digit (0 to 9)	0	—	Money-in-drawer limit alarm: (sentinel amount): “Maximum value of left-most digit”
Money-in-drawer limit alarm Number of Zeros (0 to 9)	0	—	“ The number of zeros.”
No auto persons	NO	—	Enter customer number compulsory.
Use Dept disc area for stock	NO	—	Use discount field of department file for stock.
Require MGR for Zero Balance	NO	—	Needs manager intervention for zero balanced transaction.

IF 1 rounding		IF 2 rounding		New Zealander (A) rounding	
Last 1 digit of subtotal	Result	Last 1 digit of subtotal	Result	Last 1 digit of subtotal/cash change	Result
0 ~ 2	0	0 ~ 4	0	0 ~ 4	0
3 ~ 7	5	5 ~ 9	10	5 ~ 9	10
8 ~ 9	10				
Singaporean rounding		Australian rounding		New Zealander (B) rounding	
Last 1 digit of item, %+, %- registration	Result	Last 1 digit of subtotal/cash change	Result	Last 1 digit of subtotal/cash change	Result
0 ~ 2	0	0 ~ 2	0	0 ~ 5	0
3 ~ 7	5	3 ~ 7	5	6 ~ 9	10
8 ~ 9	10	8 ~ 9	10		
Danish rounding		Norwegian/ Swedish rounding		South African rounding	
Last 2 digit of subtotal/cash change	Result	Last 2 digit of subtotal	Result	Last 1 digit of subtotal	Result
00 ~ 24	00	00 ~ 24	0	0 ~ 4	0
25 ~ 74	50	25 ~ 74	50	5 ~ 9	5
75 ~ 99	100	75 ~ 99	100		
Finnish rounding		Malaysian rounding			
Last 1 digit of subtotal/cash change	Result	Last 1 digit of subtotal/cash change	Result		
0 ~ 2	0	0 ~ 2	0		
3 ~ 7	5	3 ~ 7	5		
8 ~ 9	10	8 ~ 9	10		

# Program 3

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

Operation: <PGM3> → 1.Machine Feature → 5.General Feature → 2.Machine Control 2

Machine Control2		
Display Operator Guidance	YES	
Sequential / Random PLU number		
Use memory number		Sequential (Memory No.)/Random PLU No.
Sequential / Random DPT number		
Use memory number		Sequential (Memory No.)/Department No.
NET total Includes Tax	Include	Net total includes/excludes add-on and add-in tax.
NET total Includes Commission	Include	Net total includes/excludes clerk commission.
+, - Follows Tax Status of item	YES	The tax status and commission status of plus/minus after item registration follows the last item.
+, -, %+ & %- amount in item net totalizer	NO	Affect premium, discount, plus, minus result to the original item.
Limit of number +, -, %+ & %- key operations per transaction	NO	Only one premium, discount, plus or minus registration is permitted during one receipt.
Round of %+ or %- operation result	NO	Rounding on the least significant digit of premium or discount registration.
Restriction(0 or 5)on the last digit for amount entry	NO	The least significant digit for monetary amount entry is restricted to 0 or 5.
Money Declaration Compulsory	NO	Money declaration is mandatory/not.
ST Compulsory	NO	ST key operation before finalization is mandatory/not.
Allow Finalization operation when subtotal less than 0	YES	Allow/prohibit finalization operation when the subtotal amount is less than zero.
Allow more than one transaction in RF mode	N Repeat	Prohibit/allow multiple refund operations after entering the REF mode.
Issue post receipt when normal receipt is issued	NO	Allow/prohibit post receipt after a normal receipt issuance.
Allow numeric entry when compulsory drawer is open	YES	Allow prohibit numeric entries when drawer (compulsory drawer only) is opened.
Error when actual stock less than zero	NO	Error occurs when actual stock for a registered item becomes negative.
Alarm when actual stock less than minimum stock level	NO	Error occurs when actual stock for a registered item drops below its programmed optimum stock value.
Perform stock QTY calculation during RF mode or RF key	NO	Affect to stock value during RF key and the REF mode operation.
Delete RF items from guest receipt when item consolidation is on	YES	Merge the same item registration of a guest receipt.
Key Confirmation Tone On	YES	
Allow Slit Drawer connection	NO	
Add No. of operation of clear key into Fixed TTL	NO	
Inline Money Declaration	NO	Money declaration compulsory on inline master terminal.
TIP to Follow 1st Server	NO	Tip amount is accumulated to the first server. (If "No", signed on server.)
Require Zeroing Scale	NO	Disable to register the item until the scale has been zero balanced.
Scale Registration R/J Format	0	Scale format: 2 = Australian format.

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

Operation: <PGM3> → 1.Machine Feature → 5.General Feature → 3.Machine Control 3

Machine Control3		
Cash Declaration Compulsory	NO	Set "Money Declaration Compulsory" in "Machine Control 2", in case of selecting "YES" to these options.
Charge Declaration Compulsory	NO	
Check Declaration Compulsory	NO	
Credit Declaration Compulsory	NO	
Receipt:Item consolidation	NO	Merge the same item registration on receipt.
Receipt:Sort by group	NO	Classify the registered items per group on receipt.
Receipt:Sort by department	NO	Classify the registered items per department on receipt.
N/RCT print by order group	NO	Classify the registered items by order character on receipt.
Receipt:Sort by group/dept with detail	Total only	Total only / With Detail
PRT RCT sort detail w/o TTL	NO	
Commission total includes VAT	NO	
Rounding for commission calculation	Round off	
Commission Amount Threshold	0	Start calculating commission 1 amount
Commission Amount Threshold2	0	Start calculating commission 2 amount
Commission 1 flat fee	NO	Commission 1 amount to flat fee
Commission 2 flat fee	NO	Commission 2 amount to flat fee
Move two decimal place to right for unit prices	NO	
Print consecutive No. on the receipt	Print	
Print consecutive No. on the journal	Print	
Print date on the receipt	Print	
Print date on the journal	Print	
Print time on the receipt	Print	
Print time on the journal	Print	
Vertical double size character for receipt printing	NO	
Enable auto cutter for the printer,	YES	
Number of LF with no cutter	0	No. of line feed without cutting receipt
E-Journal copy receipt	NO	

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

Operation: <PGM3> → 1.Machine Feature → 5.General Feature → 4.Machine Control 4

Machine Control4		
Drawer open alarm Min. 00-59	0	
Drawer open alarm Sec. 00-59	0	
Ignore compulsory drawer	NO	
Compulsory drawer control for multiple drawers	All drawers	All drawers / Drawer assigned to the clerk
Send finalize category totals to PC	NO	Send finalize category totals to PC (Hotel server)
Cash/Cheque/Credit category totalizer	NO	Accumulate to category totals by cash/cheque/credit
Room Charge category totalizer	NO	Accumulate to category totals by room charge
Use GT system of Philippines	NO	
Auto character centering	YES	

# Program 3

## 4-1-5-5 Programming the print control

Operation: <PGM3> → 1.Machine Feature → 5.General Feature → 5.Print Control

Print Control		
Set Menu Detail on Guest/Slip	No Print	
Print PLU Number	No Print	
Print Finalized Total	Print	
Print Taxable Amount1	Print	
Print Taxable Amount2	Print	
Print Taxable Amount3	Print	
Print Taxable Amount4	Print	
Print Taxable Amount5	Print	
Print Taxable Amount6	Print	
Print Taxable Amount7	Print	
Print Taxable Amount8	Print	
Print Taxable Amount9	Print	
Print Taxable Amount10	Print	
Print Taxable Status	No Print	
Printing of total number of items sold on the receipt	No Print	
Print number of covers in header	No Print	
Cover print double size	NO	
Print unit price on receipt	No Print	
One line feed after finalization for receipt	NO	
Time format 24/12Hour	24 Hour	— 24 Hour / 12 Hour
Single item without fin rct	NO	— Single item without issuing finalization receipt
Always issue a receipt	NO	
Eliminate qty '1' of sub item	NO	— Print/Not print the quantity '1' of a child item.
Auto receipt issue when subtotal is zero or less	NO	— Two receipts are issued when the subtotal is 0 or less.
Print Check detail on receipt	No Print	
Print Single Quantity	Print	— Print item quantity even if it's "1".

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

Operation: <PGM3> → 1.Machine Feature → 5.General Feature → 6.Report Control 1

Report Control 1	
Gross	Print
Net	Print
Cash In Drawer	Print
Cash Declaration short/over	No Print
Charge In Drawer	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
Food Stamp Cash Change	No Print
EBT Total	No Print
EBT Cash Change	No Print
RF Mode total	Print
Number of covers	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 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
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
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
TAXEX9	No Print
TA10	No Print
TAX10	No Print
TAXEX10	No Print
Print TAX + VAT in exempt rec	NO

— These items are included in the fixed totalizer report.

— Print TA + Tax amount instead of printing Tax exempt.

# Program 3

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

Operation: <PGM3> → 1.Machine Feature → 5.General Feature → 7.Report Control 2

Report Control2			
Dept/Sub Dept Zero-Skip	YES		Skip zero total item.
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		
Mix&Match/Coupon Zero-Skip	YES		
Printing of average spend per item on monthly report	Print		Print monthly sales average on monthly sales report.
Drawer open when FIXED TTL report is issued	YES		
PLU Random Code Order	Mem Number		Mem Number (by memory number) / Random Code
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 Recalculate on X/Z Report	NO		Calculate VAT amount at report issuance temporarily.
Half Cut in Batch Report	NO		
Stock Clear at Batch Z	NO		Scanning PLU stock is also cleared.
Print Consecutive No. range on daily Fixed TTL report	No Print		
Print Invoice No. range on daily Fixed TTL report	No Print		
Prohibit Customer File Z	NO		
Print finalized CHks on report	YES		
OPEN CHK report compulsory	NO		
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	Show read report on the display. (In case of selecting "YES", no report is printed out.)
Display Employee Activity	X	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 Mix&Match/Coupon	X	NO	
Display E-Journal	X	NO	
Display Hourly Product	X	NO	
Display Employee	X	NO	
Display Hourly Labor	X	NO	
Send X/Z with character		NO	
Send X/Z with random code		NO	



#### 4-1-5-8 Programming the communication

Operation: <PGM3> → 1.Machine Feature → 5.General Feature → 8.Communication

Communication	
Copy program change to other terminals	NO
Allow to operate communication function	YES
Origin of reset data to be sent to the master	Own data file
Reset&Printing of consolidation file before reset report	No Print
Master printing of consolidation reset report	Print
Reset consolidation total after inline consolidation	NO
Stock Result Copy	NO
Accumulation of data in consolidation file following RESET operation	YES

Broadcast the programmed data in PGM 1 ~ 4 mode after completion of a program.

“Own data file” / “Consolidation file.”

Copy stock quantity to master daily file after Z consolidation.

#### 4-1-5-9 Programming the hourly sales

Operation: <PGM3> → 1.Machine Feature → 5.General Feature → 9.Hourly Sales

Hourly Sales	
Interval(Hours)	1
Interval(Minutes)	0
Start Time(Hour)	0
Start Time(Minute)	0

Hour (00 ~ 23)

Minute (00 ~ 59)

Hour (00 ~ 23)

Minute (00 ~ 59)

# Program 3

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

Operation: <PGM3> → 1.Machine Feature → 5.General Feature → 10.SLIP/Guest

SLIP / Guest		
Print additional items only	Entire memory	Entire memory: At the top of the transaction / Additional only: At the top of this receipt
Slip Auto Line Find	NO	
Slip Maximum Lines	0	00 ~ 99
Maximum number of automatic line feed	0	00 ~ 99
Item consolidation on slip/Guest receipt	NO	
Printing only Group TTL on slip/Guest receipt	NO	
Print only Dept TTL on Slip/Guest receipt	NO	
G/RCT print by order group	NO	
Print detail in order of Dept/Group on slip/Guest receipt	Total only	“Total only” / “With detail”
PRT GUEST sort detail w/o TTL	NO	
Print guest receipt header	NO	
Tax after finalize	NO	Print taxable amount and tax amount after total line.
Print PLU number on G/RCT	YES	
Consecutive No. on slip/Guest receipt	Print	
Print Date on slip/Guest RCT	Print	
Print Time on slip/Guest RCT	Print	
Back feed after slip Print	NO	
Back feed after VLD Print	NO	
Back feed after CHK-END/PRT	NO	

**Note:** If you select “Additional only”, “Slip Auto Line Find” (the next row) should be set to “YES”.

## 4-1-5-11 Programming the journal control

Operation: <PGM3> → 1.Machine Feature → 5.General Feature → 11.Journal Control

Journal Control		
Storage of TRG Operation into E-Journal	YES	Put training clerk registration data into electronic journal memory.
Generate E-Journal full error	YES	Alert when the electronic journal memory becomes full / or Not

---

## 4-1-5-12 Programming the message control

Operation: <PGM3> → 1.Machine Feature → 5.General Feature → 12.Message Control

Message Control		
Receipt Logo	Message	Print
Receipt Commercial	Message	No Print
Receipt Bottom	Message	No Print
Slip Commercial	Message	No Print
Slip Bottom	Message	No Print
Slip Intermediate	Message	No Print
Bill Top	Message	No Print
Bill Copy	Message	No Print
Bill Bottom	Message	No Print
Receipt Logo either	Graphic or	
Text		Text
Report header print		No Print

Text logo / Graphic logo

# Program 3

## 4-1-5-13 Programming the order control

Operation: <PGM3> → 1.Machine Feature → 5.General Feature → 13.Order Control

Order Control	
Print location character	No Print
Print Item Price	No Print
Stop printing message on double BON	No Print
Print Detail of Set Menu	No Print
Auto cutting every KP order	YES
Print dashed line	NO
Print items on KP training operator	NO
Perform item consolidation on KP	NO
Number of line feed before auto cut	0
Number of line feed after auto cut	0
Error generate Printer goes down	YES
Send Voided items to KP	YES
Print ORDER # on receipt	No Print
Print ORDER # in red	NO
Order1 type	Normal KP
Order2 type	Normal KP
Order3 type	Normal KP
Order4 type	Normal KP
Order5 type	Normal KP
Order6 type	Normal KP
Order7 type	Normal KP
Order8 type	Normal KP
Order9 type	Normal KP
Order10 type	Normal KP
Order11 type	Normal KP
Order12 type	Normal KP
Order13 type	Normal KP
Order14 type	Normal KP
Order15 type	Normal KP
Order16 type	Normal KP
Logo on KP	NO
Text1 on KP	NO
Text2 on KP	NO
Check No. reverse print	YES
Qty separate on order bon	NO
Cond/Prep normal letter	NO
Cut when order character is used	NO
Vertical double size character for order printing	NO
Send drawer signal	NO

Print order number in red/ reverse.

Order print type: Normal KP/ Ticket

Print Logo on KP (ticket).

Print text 1 on KP (ticket with slip/ guest intermediate)

Print text 2 on KP (ticket with bottom)

Print check number in reverse.

Print quantity separately on order receipt.

Print condiment/preparation in normal/double size letter.

Send drawer signal (for Kitchen Bell)

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

Operation: <PGM3> → 1.Machine Feature → 5.General Feature → 14.Set Menu/Condiment

Set Menu/Condiment	
Calculate Price for detail	YES
Follow the same QTY as main item	Fine Dining QTY
Allow Rollup Condiment	NO
Preparation Item in PLU report	YES
Preparation Item in receipt	YES

Calculate / Not calculate detail item prices in set menu.

Follow the same QTY as main (parent) 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.

Add all condiment unit price to main (parent) item.

# Program 3

## 4-1-5-15 Programming the check tracking

Operation: <PGM3> → 1.Machine Feature → 5.General Feature → 15.CHK Tracking

CHK Tracking		
Clearing CHK/TBL No. by using the same number again	CHK Number	CHK (check) number / TBL (table) number
CHK# 12 Digits(if No,6Digits)	NO	
Auto New Balance by removing clerk key	YES	
Print previous balance when CHK is opened by OLD CHK key	Print	
Perform item consolidation when CHK is opened by OLD CHK	NO	
STORE/RECALL Start Range	1000	
STORE/RECALL End Range	1500	
Auto CHK Start Range	140	
Auto CHK End Range	200	
Reset STORE/RECALL No. after taking OPEN CHK Z report	YES	
Suppress detail display	NO	
SEP CHK Consolidation.	NO	
Invoice No. for std fin.	NO	Print "Invoice No." on receipts / or Not print
Invoice No. for clerk int.	NO	Print "Invoice No." while clerk interrupt / or Not print
Invoice No. for check tracking	NO	Print "Invoice No." while check tracking / or Not print
Check Win button contents	ST	Keytops in check No. pop-up window: ST / Clerk / Time last order / Time open
Share table	YES	
Multiple separate check	YES	
TBL TRANS by card swipe	YES	Transfer table by swiping a card.
Print dbl size check No. G/RCT	NO	
Check No. revers print	NO	
Auto check in separate mode	NO	Automatic check No. issuance in separate mode
Ignore leading zeros	NO	Ignore leading zeros of check No.
Comp. check for order items	NO	Compulsory check No. for order item
Comp. G/RCT for order items	NO	Compulsory guest receipt for order item
Zero balance is cash	NO	Zero balance is treated as cash sale.
Clear cust acct on OPEN CHK Z	NO	
Allow Partial Payment	NO	

## 4-1-5-16 Programming the clerk interrupt

Operation: <PGM3> → 1.Machine Feature → 5.General Feature → 16.Clerk Interrupt

Clerk Interrupt		
Allow Clerk Interrupt	NO	
Allow operation to clerks who are not allocated clerk interrupt detail memory	NO	
Auto Sign Off Timer for clerk interrupt (In seconds)	0	Clerk sign off timer: 0 ~ 99. (Sec.) This program is also effective for non-clerk interrupt system.
Show clerk window	YES	Affect current clerk data whenever it changes.
Use dynamic clerk window	NO	Broadcast clerk information whenever it changes.
Broadcast dynamic clerk	NO	Default sheet number when clerk pop-up window is opened.
Clerk window menu number	0	
Print to order printer at end when using clerk interrupt	NO	Issue order at the end of the transaction while using clerk interrupt.

#### 4-1-5-17 Programming the display control

Operation: <PGM3> → 1.Machine Feature → 5.General Feature → 17.Display Control

Display Control		
Backlight Off Timer(Min)	20	Backlight off timer: 0 ~ 59. (minutes)
Touch Screen Theme	2	User definition = 0/ Theme 1 = 1/ Theme 2 = 2
Function Key Style	Style 1	Style 1: Function keys with bar / Style 2: Function keys without bar
Logo After Clerk Sign Off	NO	Display screen logo at clerk sign off.
Use Video Control System	NO	
Clear screen when receipt is issued	NO	Clear the main display part when the receipt is issued.

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

Operation: <PGM3> → 1.Machine Feature → 5.General Feature → 18.Menu Shift

Menu Shift		
PLU	Quantity Extension	NO
DEPT	Quantity Extension	NO
SUB DEPT	Quantity Extension	NO

#### 4-1-5-19 Programming the sound (Error tone and key confirmation tone)

Operation: <PGM3> → 1.Machine Feature → 5.General Feature → 19.Sound

Sound		
Disp ON Sound	1	Last 2-digit of the sound file number.
Disp OFF Sound	2	
Error (1 Shot Type) Sound	3	
Error (YES/NO Type) Sound	4	
Error (Clear Type) Sound	5	
Key Confirmation Sound	6	

#### 4-1-5-20 Programming Ext. devices

Operation: <PGM3> → 1.Machine Feature → 5.General Feature → 20.Ext. Devices

Ext. Devices		
Perform auto G/RCT	NO	Orderman issues guest receipt automatically,
Bill allowed on OMS	YES	Allows bill issuance on orderman.
OMS timeout X 10s	9	(0 ~ 9) Orderman communication timeout value x 10s

# Program 3

## 4-1-6 Programming scheduler

Operation: <PGM3> → 1.Machine Feature → 6.Scheduler

Scheduler	D28 - D13	D12 - D1
0001-062	0000000000000000	000000000000
0002-062	0000000000000000	000000000000
0003-062	0000000000000000	000000000000
0004-062	0000000000000000	000000000000

Parameter (refer the worksheet below)

### 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 <sub>28</sub> D <sub>27</sub> D <sub>26</sub> D <sub>25</sub>
Scheduler end time (00:00 ~ 23:59)	Significant numbers	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> D <sub>24</sub> D <sub>23</sub> D <sub>22</sub> D <sub>21</sub>
Always "0"		<input type="text"/> 0 D <sub>20</sub>
Interval control 1: Daily = 0, Weekly = 1, Monthly = 2	Significant number	<input type="text"/> D <sub>19</sub>
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 <sub>18</sub> D <sub>17</sub>
Interval time (00:00 ~ 23:59)	Significant numbers	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> D <sub>16</sub> D <sub>15</sub> D <sub>14</sub> D <sub>13</sub>
Always "0"		<input type="text"/> 0 D <sub>12</sub>
Arrangement table No.	Significant numbers	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> D <sub>11</sub> D <sub>10</sub> D <sub>9</sub> D <sub>8</sub>
Arrangement file No.	Significant numbers	<input type="text"/> <input type="text"/> <input type="text"/> D <sub>7</sub> D <sub>6</sub> D <sub>5</sub>
Always "0000"		<input type="text"/> 0 <input type="text"/> 0 <input type="text"/> 0 <input type="text"/> 0 D <sub>4</sub> D <sub>3</sub> D <sub>2</sub> D <sub>1</sub>



## 4-1-7 Programming check print

Operation: <PGM3> → 1.Machine Feature → 7.Check Print

Check Print	
0001-041	000000
0002-041	000000
0003-041	000000
0004-041	000000
0005-041	000000
0006-041	000000
0007-041	000000
0008-041	000000
0009-041	000000

Parameter (refer the worksheet below)

### 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 <sub>5</sub>
Feed before printing.	a No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D <sub>4</sub>
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 <sub>3</sub>
Printing offset digits (00 ~ 39)	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D <sub>2</sub> D <sub>1</sub>

# Program 3

## 4-1-8 Programming table analysis

Operation: <PGM3> → 1.Machine Feature → 8.Table Analysis

Table Analysis	
TBL01	00000000000000
TBL02	00000000000000
TBL03	00000000000000
TBL04	00000000000000
TBL05	00000000000000
TBL06	00000000000000
TBL07	00000000000000
TBL08	00000000000000
TBL09	00000000000000
TBL10	00000000000000

— Descriptor and parameter (refer the worksheet below)

### Worksheet for table analysis program

Description	Choice	Program code												
Always "00"		<table border="1"> <tr><td>0</td><td>0</td></tr> <tr><td>D<sub>14</sub></td><td>D<sub>13</sub></td></tr> </table>	0	0	D <sub>14</sub>	D <sub>13</sub>								
0	0													
D <sub>14</sub>	D <sub>13</sub>													
Minimum check No. of the table group ("0" means "1.")	Significant numbers	<table border="1"> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>D<sub>12</sub></td><td>D<sub>11</sub></td><td>D<sub>10</sub></td><td>D<sub>9</sub></td><td>D<sub>8</sub></td><td>D<sub>7</sub></td></tr> </table>							D <sub>12</sub>	D <sub>11</sub>	D <sub>10</sub>	D <sub>9</sub>	D <sub>8</sub>	D <sub>7</sub>
D <sub>12</sub>	D <sub>11</sub>	D <sub>10</sub>	D <sub>9</sub>	D <sub>8</sub>	D <sub>7</sub>									
Maximum check No. of the table group ("000000" means no programming.)	Significant numbers	<table border="1"> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>D<sub>6</sub></td><td>D<sub>5</sub></td><td>D<sub>4</sub></td><td>D<sub>3</sub></td><td>D<sub>2</sub></td><td>D<sub>1</sub></td></tr> </table>							D <sub>6</sub>	D <sub>5</sub>	D <sub>4</sub>	D <sub>3</sub>	D <sub>2</sub>	D <sub>1</sub>
D <sub>6</sub>	D <sub>5</sub>	D <sub>4</sub>	D <sub>3</sub>	D <sub>2</sub>	D <sub>1</sub>									

**Note:**

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

## 4-1-9 Programming tax table

Operation: <PGM3> → 1.Machine Feature → 9.Tax Table → Select Tax Table

Tax Table (1)	
Tax Rate(%)	8.1250
Maximum Table Amount	0.00
Rounding	Round off
Singapore Rounding	Yes
Calculation Type	Add in(VAT)
Sum of Cyclic Patterns	0
No. of Cyclic Values	0
Sum of Non-Cyclic Values	0
Actual Values(01)	0
Actual Values(02)	0
Actual Values(60)	0

Rate; 0.0001 ~ 9999.9999 % (Use Decimal point key)  
 Maximum value; 0.00 ~ 99.99  
 Cut off/Round off/Round up/Round up to two decimal point  
 Not calculate / Table / Table & Add on / Add in (VAT) / Tax on Tax / VAT & VAT/ Add in (VAT on Tax)/ VAT & VAT2  
 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	Cyclic data
.05	.75	.91	91	74	= 17	
.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: Round off to two decimal places

# Program 3

## 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	
--	--	--	---------	--

## Explanation of Add-in (VAT on Tax)

Example:

### Tax table programming

	Tax rate	Calculation type
Table 1	10.0000%	Add on
Table 2	5.0000%	VAT on Tax

### Item programming & registration result

	Program		Registration result			
	Unit price	Tax status	Taxable 1	Tax1	Taxable 2	Tax2
Item 1	\$10.00	1/2	\$10.00		\$10.00	
CASH	Calculate tax 1		\$10.00	\$1.00	-----	-----
	Add tax 1 to Taxable 2				\$11.00	-----
	Calculate tax 2				\$10.48	\$0.52

## Explanation of VAT & VAT2

Example:

### Tax table programming

	Tax rate	Calculation type
Table 1	8.0000%	VAT
Table 2	7.0000%	VAT & VAT2

### Item programming & registration result

	Program		Registration result			
	Unit price	Tax status	Taxable 1	Tax1	Taxable 2	Tax2
Item 1	\$10.00	1/2	\$10.00		\$10.00	
CASH	Calculate tax 1 (\$10.00 x 8)/(100 +8 +7)		-----	\$0.70	-----	-----
	Calculate tax 2 (\$10.00 x 7)/(100 +8 +7)		-----	-----	-----	\$0.61
	Taxable 1/2 - Tax 1-Tax2 (\$10.00 - \$0.70 - \$0.61)		\$8.69		\$8.69	

# Program 3

## 4-1-10 Programming void table

Operation: <PGM3> → 1.Machine Feature → 10.Void Table → Use Void Table

Void Table	
VOID01	000000
VOID02	000000
VOID03	000000
VOID04	000000
VOID05	000000
VOID06	000000

Descriptor and program value (refer the worksheet below)

### Worksheet for void table program

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

## 4-1-11 Programming system connection

Operation: <PGM3> → 1.Machine Feature → 11.System Connection

System Connection	
* 1 MC #01	020101000000
192168000001	
2	000000000000
000000000000	
3	000000000000
000000000000	
:	
33	000000000000
000000000000	

Descriptor and parameter (refer the worksheet below)  
\* means my ID.

IP address

For Hotel server

### Worksheet for system connection program

Description	Choice	Program code
Terminal: Oneself = 02, Others = 01	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D <sub>12</sub> D <sub>11</sub>
Check tracking master/backup master (programmed value): Master = 01, Backup master = 02, Self master = 03, Satellite = 00	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D <sub>10</sub> D <sub>9</sub>
Check tracking master/backup master (current value): Master = 01, Backup master = 02, Self master = 03, Satellite = 00	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D <sub>8</sub> D <sub>7</sub>
Always "00000"		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D <sub>6</sub> D <sub>5</sub> D <sub>4</sub> D <sub>3</sub> D <sub>2</sub>
Check tracking cluster No. (0 ~ 9) ("0" means no designation.)	Significant number	<input type="checkbox"/> D <sub>1</sub>

## 4-1-12 Programming I/O parameter

Operation: <PGM3> → 1.Machine Feature → 12.I/O Parameter

I/O Parameter	
0001-902	0000000000000000
0002-902	0000000000000000
0003-902	0000000000000000
0004-902	0000000000000000
0005-902	0000000000000000
0006-902	0000000000000000
0007-902	0000000000000000
0008-902	0000000000000000
0009-902	0000000000000000
0010-902	0000000000000000
0011-902	0000000000000000
0012-902	0000000000000000
	:
0019-902	0000000000000000
0020-902	0000000000000000

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

Parameter (refer the worksheet below)

### Worksheet for I/O parameter program

#### First record (Inline)

Description	Choice	Program code
TCP/IP port group number: Group 1 = 0/1, Group 2 = 2 (Choose Group2 if conflicting with auxiliary inline device)	Significant number	<input type="checkbox"/> D <sub>2</sub>
Always "0"	Significant number	<input type="checkbox"/> 0 D <sub>1</sub>

#### 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 <sub>2</sub>
Activation signal (trigger): DR = 0, CI = 1	Significant number	<input type="checkbox"/> D <sub>1</sub>

#### Third record (not used)

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

#### Fourth record (Printer 1)

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

Description	Choice	Program code
Using TM-J7100 as a slip printer: Yes = 1, No = 0	Significant number	<input type="checkbox"/> D <sub>5</sub>
Using RS-232C port for printer: COM4 = 4, COM5 = 5, COM6 = 6 (0, 1 ~ 3, 7 ~ 9: no connection)	Significant number	<input type="checkbox"/> D <sub>4</sub>
Baud rate of the RS-232C port for printer: 19200bps = 0, 9600bps = 1	Significant number	<input type="checkbox"/> D <sub>3</sub>
Using printer connected to RS-232C port: No printer = 99 • TM-U88-IV = 00    • UP-360 = 03    • TM-U220 = 02 • UP-400 = 10    • TM-J7100 = 12	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D <sub>2</sub> D <sub>1</sub>

## Program 3

### Fifth record (Printer2)

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

Description	Choice	Program code
Using TM-J7100 as a slip printer: Yes = 1, No = 0	Significant number	<input type="checkbox"/> D <sub>5</sub>
Using RS-232C port for printer: COM4 = 4, COM5 = 5, COM6 = 6 (0, 1 ~ 3, 7 ~ 9: no connection)	Significant number	<input type="checkbox"/> D <sub>4</sub>
Baud rate of the RS-232C port for printer: 19200bps = 0, 9600bps = 1	Significant number	<input type="checkbox"/> D <sub>3</sub>
Using printer connected to RS-232C port: No printer = 99 • TM-U88-IV = 00    • UP-360 = 03    • TM-U220 = 02 • UP-400 = 10    • TM-J7100 = 12	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D <sub>2</sub> D <sub>1</sub>

### Sixth record (Customer display/ Remote display)

Description	Choice	Program code
Customer display backlight color: Green = 0, White = 0	Significant number	<input type="checkbox"/> D <sub>4</sub>
Customer display backlight: Obey backlight off timer = 0, Always ON = 1, Always OFF = 2	Significant number	<input type="checkbox"/> D <sub>3</sub>
Customer display: Available = 0, Not available = 1	Significant number	<input type="checkbox"/> D <sub>2</sub>
Remote display: Connected = 2, Not connected = 0	Significant number	<input type="checkbox"/> D <sub>1</sub>

### Seventh record (not used)

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

### Eighth record not used)

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

### Ninth record (Scanner)

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



**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, No connection = 0	Significant number	<input type="checkbox"/> D <sub>4</sub>
Baud rate of the RS-232C port for slip printer: No printer = 0, 9600bps = 1	Significant number	<input type="checkbox"/> D <sub>3</sub>
SP-1300: Connect = 70, No = 99	Significant number	<input type="checkbox"/> <input type="checkbox"/> D <sub>2</sub> D <sub>1</sub>

**Eleventh record (Printer 3)****Note: Besides flag clear, please turn off and on the printer.**

Description	Choice	Program code
Using TM-J7100 as a slip printer: Yes = 1, No = 0	Significant number	<input type="checkbox"/> D <sub>5</sub>
Using RS-232C port for printer: COM4 = 4, COM5 = 5, COM6 = 6 (0, 1 ~ 3, 7 ~ 9: no connection)	Significant number	<input type="checkbox"/> D <sub>4</sub>
Baud rate of the RS-232C port for printer: 19200bps = 0, 9600bps = 1	Significant number	<input type="checkbox"/> D <sub>3</sub>
Using printer connected to RS-232C port: No printer = 99 • TM-U88-IV = 00    • UP-360 = 03    • TM-U220 = 02 • UP-400 = 10    • TM-J7100 = 12	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D <sub>2</sub> D <sub>1</sub>

**Twelfth record (not used)**

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

**Thirteenth through fourteenth record (not used)**

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

**Fifteenth record (video box)**

In case of the video box is connected, enter "40000025".

**Sixteenth record (not used)**

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

## Program 3

### Seventeenth record (order man)

In case of the order man connected, enter “300000011”.

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

### Eighteenth record (scale)

Description	Choice	Program code
Scale model code	Significant numbers	<input type="text" value="0"/> <input type="text"/> D <sub>10</sub> D <sub>9</sub>
Pound/ Kilogram: Pound = 0 (30 LB), Kilogram = 1 (15kg)	Significant number	<input type="text"/> D <sub>8</sub>
Communication timeout value: Always set to “100”		<input type="text" value="1"/> <input type="text" value="0"/> <input type="text" value="0"/> D <sub>7</sub> D <sub>6</sub> D <sub>5</sub>
Parity: Always set to “2”	Significant number	<input type="text"/> D <sub>4</sub>
Bit: Always set to “1”	Significant number	<input type="text"/> D <sub>3</sub>
Using RS-232C port for printer: COM 2 = 2, COM 3 = 3 COM4 = 4, COM5 = 5, COM6 = 6 (0, 1, 7 ~ 9: no connection)	Significant number	<input type="text"/> D <sub>2</sub>
Baud rate of the Scale: 19200bps = 0, 9600bps = 1, 4800bps = 2, 2400bps = 3, 1200bps = 4	Significant number	<input type="text"/> D <sub>1</sub>

### Nineteenth through twentieth record (not used)

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

## 4-1-13 Programming printer connection

Operation: <PGM3> → 1.Machine Feature → 13.Printer Connection

→ Select record and define “printer type”, “main printer” and “ backup printer”

Printer Connection					
1	Rct	MC #01	/1	MY PRINTER /2	
2	Report	MC #02	/2	MC #01 /1	
3	Order1	MC #03	/1	MC #03 /2	RS-232C printer
4	Order2	MC #01	/1	MC #03 /1	
5	Order3	MC #03	L5	MC #06 L10	LAN printer
6	Order4				Printer type definition field
7	Order5				
8	Order6				Main printer definition field
9	Order7				
10	No				Backup printer definition field
11	No				
		:			
24	No				

Printer type selection:

No (No printer), Rct (receipt/journal), Report, Order 1 ~ 16

Main/ backup printer selection:

My Printer /1, My Printer /2, My Printer /3, RS-232C Printer, LAN printer, No

- /1 designates “Printer 1” of the I/O parameter file.
- /2 designates “Printer 2” of the I/O parameter file.
- /3 designates “Printer 3” of the I/O parameter file.
- In case of selecting LAN printer, select terminal No. that controls the LAN printer.

### Note:

The 19-th through 34-th record of this file are used for the printer definition of order ID change of the Manager function.

# Program 3

## 4-1-14 Programming time zone

Operation: <PGM3> → 1.Machine Feature → 14.Time Zone → Select record and field

Time Zone	Start	End	Cycle
0001-800	09:00	10:00	00:15
0002-800	10:00	12:00	00:30
0003-800	15:00	17:00	01:00
0004-800	00:00	00:00	00:00
0005-800	00:00	00:00	00:00
0006-800	00:00	00:00	00:00
	:		
0024-800	00:00	00:00	00:00

### Worksheet for time zone program

Description	Choice	Program code
Zone Start Time (Hour)	00 ~ 23	<input type="text"/> <input type="text"/> D <sub>12</sub> D <sub>11</sub>
Zone Start Time (Minute) (00~59)	00 ~ 59	<input type="text"/> <input type="text"/> D <sub>10</sub> D <sub>9</sub>
Zone End Time (Hour) (00~23)	00 ~ 23	<input type="text"/> <input type="text"/> D <sub>8</sub> D <sub>7</sub>
Zone End Time (Minute) (00~59)	00 ~ 59	<input type="text"/> <input type="text"/> D <sub>6</sub> D <sub>5</sub>
Zone Cycle (Hour) (00~23)	00 ~ 23	<input type="text"/> <input type="text"/> D <sub>4</sub> D <sub>3</sub>
Zone Cycle (Minute) (00, 15, 30, 45)	00, 15, 30, 45	<input type="text"/> <input type="text"/> D <sub>2</sub> D <sub>1</sub>

## 4-1-15 Programming time & attendance

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

Operation: <PGM3> → 1.Machine Feature → 15.Time & Attendance → 1.General

General		
Time & Attendance control	Weekly	Weekly / Bi-weekly
Daily work time	00:00	
Daily over time	00:00	
Weekly work time	40:00	*1
Weekly over time	48:00	
Daily Over Time Pay Ratio	0	
Daily 2nd Over Time Pay Ratio	0	
Weekly Over Time Pay Ratio	0	
Weekly 2nd Over Time Pay Ratio	0	
Weekly work time for minor	25:00	*1
Work time includes break hours	NO	
Rounding minute of work time	Non	Non / 10 min. / 15 min. / 20 min. / 30 min.
Allow employee report Z with employees clocked-in	NO	
Enable clerk to sign on after clock-in	NO	
Day of the week to start	Monday	
Display minutes in fraction	NO	

\* This field is used for California rule. In other area, set "99:00".

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

Operation: <PGM3> → 1.Machine Feature → 15.Time & Attendance → 2.Job Code

→ Select "Job name"

Memory No.	1	
Descriptor	Cook	Job name
Pay Rate	2.56	
Tip Declaration Compulsory	NO	

# Program 3

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

Operation: <PGM3> → 1.Machine Feature → 15.Time & Attendance

→ 3.Employee & Schedule → Select "Employee"

Memory No.	1
Employee No.	123456
Descriptor	Sean Harrison
Social Security No.	1234567890
Job Code(1)	Cook
Job Code(2)	Cashier
Job Code(3)	Dish wash
Job Code(4)	-----
Allow to Specify Job Code when Clocking-in	NO
Allow to Clock-in with Non- Preset Job Code	NO
Display Job Code Window when Clocking-in	NO
Minor Employee	YES
Ignore Schedule Setting	NO
Cashier/Clerk Name	Harrison

0 ~ 999999, leading "0" are ignored.

Maximum 16-digits from the leftmost side

0 ~ 9999999999, leading "0" are not ignored.

Choose an item from the pull-down menu.

Choose the corresponding cashier/clerk name from the pull-down menu.

Operation: →<ESC/SKIP> → Select "Schedule (day of the week)"

Sean Harrison	Monday
Shift(1)	Cook
Start Time	08:00
End Time	10:00
Break Time	00:15
Grace Before Start	10
Grace After Start	0
Grace Before End	0
Grace After End	15
Shift(2)	Cashier
Start Time	14:30
End Time	17:00
Break Time	00:15
Grace Before Start	10
Grace After Start	0
Grace Before End	0
Grace After End	15
Shift(3)	Dish washer
Start Time	18:30
End Time	21:00
Break Time	00:15
Grace Before Start	10
Grace After Start	0
Grace Before End	0
Grace After End	15

#### 4-1-16 Programming hourly item link

Operation: <PGM3> → 1.Machine Feature → 16.Hourly / Item Link

→ Select "Time zone"

Time Zone(01)		
0001-031	0001-001	GROSS
0002-031	0002-001	NET
0003-031	0003-001	CAID
0004-031	0007-001	CHID
0005-031	0011-001	CKID
0006-031	0015-001	CRID
0007-031		
0008-031		
0009-031		
0010-031		
0011-031		

Linked item/function record No/ file No.

Selection:

PLU, Subdepartment, Department, Function, Fixed totalizer, Group, Void reason

- You can input the items directly from PLU, subdepartment, department and function. The PLU#, S-DEPT#, and DEPT# 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 want to delete only one item, move the cursor on the item and press "0" <YES>. If you press <YES>, the pulldown menu will appear to select an item.

#### 4-1-17 Programming mix & match

Operation: <PGM3> → 1.Machine Feature → 17.Mix & match → Select record

Mix&Match		
Descriptor		
Type	Mix Match Discount	
Rate? (NO=Amount)	NO	
Amount/Rate	0.00	
Taxable Status	Non Tax	
Prepared Tax Status(Canada)	NO	
Number of Discounts (0-9)	0	
Random Code for Coupon	0	
Target Item	-----	
Qty	0	
Comb ltm 1	-----	
Qty	0	
Comb ltm 2	-----	
Qty	0	
Comb ltm 3	-----	
Qty	0	
Comb ltm 4	-----	
Qty	0	
Comb ltm 5	-----	
Qty	0	

Mix match discount / Coupon

YES: Rate, NO: Amount

Rate: 0.01 ~ 9999.99, Amount: 0 ~ 999999

not used

not used

0 ~ 9

Coupon random code (0 ~ 9999)

PLU, PLU 2nd@, or Subdepartment

0 ~ 99

# Program 3

## 4-1-18 Programming IDC link

Operation: <PGM3> → 1.Machine Feature → 18.IDC Link → Select record

IDC Link (0001)	
0001-804	0001-004 PLU0001
Store File	IDC(1)
Store Data	Whole Transaction

PLU, Subdepartment, Department, Function, Pull Down Group, Clerk, Mix & match  
**If you choose Clerk, then whole transaction is stored regardless "Store Data" option.**

- You can input the items directly from PLU, Subdepartment, Department and mix & match 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.

NO / IDC (1) / IDC (2) / IDC (3) / IDC (PC)  
 Item only / Whole Transaction

## 4-1-19 Programming Euro

Operation: <PGM3> → 1.Machine Feature → 19.Euro (sub currency)

EURO (Sub Currency) Preset	
Sub currency is EURO	YES
EURO (sub) addmode	0
Quit this menu if changed.	
LOCAL(main) > EURO(sub) Rate	0.01
EURO(sub) Rate Rounding	Round off
EURO(sub) > LOCAL(main) Rate	100
LOCAL(main) Rate Rounding	Round off
Print receipt EURO(sub) TL	NO
Print receipt EURO(sub) TAX	NO
Print receipt EURO(sub) Fin	NO
Print receipt EURO(sub) CG	NO
Print report EURO(sub) Amount	NO
EURO(sub) Drawer number	0
Open drawer immediately	NO
Change is EURO(sub)	NO

Monetary mode of the sub 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.

0.000001 ~ 999999  
 Round off / Cut off / Round up

Main = 0, 1 / Sub (option) = 2



## 4-1-20 Programming auto program control

This program restricts the broadcasting / receiving feature after programming.

**Operation: <PGM3> → 1.Machine Feature → 20.Auto PGM control**

Auto Pgm control	
0001-905	0902 01
0002-905	0999 01
0003-905	0000 00
0004-905	0000 00

Parameter (refer the worksheet below)

### 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 <sub>6</sub> D <sub>5</sub> D <sub>4</sub> D <sub>3</sub>
Broadcast this file (designated by D <sub>6</sub> ~ D <sub>3</sub> ) only.	No = 0 Yes = 1	<input type="checkbox"/> D <sub>2</sub>
Ignore to receive this file (designated by D <sub>6</sub> ~ D <sub>3</sub> ).	No = 0 Yes = 1	<input type="checkbox"/> D <sub>1</sub>

# Program 3

## 4-1-21 Programming Screen color control

This program controls main display part color of the Screen.

Operation: <PGM3> → 1.Machine Feature → 21.Screen color control

Screen Color	
0001-906	0000000000000000
0002-906	0000000000000000
0003-906	0000000000000000
0004-906	0000000000000000
0005-906	0000000000000000
0006-906	0000000000000000
0007-906	0000000000000000
0008-906	0000000000000000
0009-906	0000000000000000
0010-906	0000000000000000
:	
0099-906	0000000000000000

Parameter (refer the worksheet below)

### Worksheet for Screen 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 <sub>1</sub>

#### 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 <sub>15</sub> D <sub>14</sub> D <sub>13</sub>
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 <sub>12</sub> D <sub>11</sub> D <sub>10</sub>
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 <sub>9</sub> D <sub>8</sub> D <sub>7</sub>
Color code of the character	Significant numbers (001 ~ 256)	<input type="text"/> <input type="text"/> <input type="text"/> D <sub>6</sub> D <sub>5</sub> D <sub>4</sub>
Color code of the back ground	Significant numbers (001 ~ 256)	<input type="text"/> <input type="text"/> <input type="text"/> D <sub>3</sub> D <sub>2</sub> D <sub>1</sub>

#### 0010-906 (Special color program)

Description	Choice	Program code
Color code of the seat No. 1	Significant numbers (001 ~ 256)	<input type="text"/> <input type="text"/> <input type="text"/> D <sub>9</sub> D <sub>8</sub> D <sub>7</sub>
Color code of the seat No. 2	Significant numbers (001 ~ 256)	<input type="text"/> <input type="text"/> <input type="text"/> D <sub>6</sub> D <sub>5</sub> D <sub>4</sub>
Color code of the seat No. 3	Significant numbers (001 ~ 256)	<input type="text"/> <input type="text"/> <input type="text"/> D <sub>3</sub> D <sub>2</sub> D <sub>1</sub>

### 0011-906 (Special color program)

Description	Choice	Program code
Color code of the seat No. 4	Significant numbers (001 ~ 256)	<input type="text"/> <input type="text"/> <input type="text"/> D <sub>9</sub> D <sub>8</sub> D <sub>7</sub>
Color code of the seat No. 5	Significant numbers (001 ~ 256)	<input type="text"/> <input type="text"/> <input type="text"/> D <sub>6</sub> D <sub>5</sub> D <sub>4</sub>
Color code of the seat No. 6	Significant numbers (001 ~ 256)	<input type="text"/> <input type="text"/> <input type="text"/> D <sub>3</sub> D <sub>2</sub> D <sub>1</sub>

### 0012-906 ~ 0099-906 (Special color program)

0012 ~ 0099: For items and functions

Description	Choice	Program code
Color code of the character	Significant numbers (001 ~ 256)	<input type="text"/> <input type="text"/> <input type="text"/> D <sub>6</sub> D <sub>5</sub> D <sub>4</sub>
Always "000"		<input type="text"/> <input type="text"/> <input type="text"/> D <sub>3</sub> D <sub>2</sub> D <sub>1</sub>

## 4-1-22 Programming Australian Features

This program controls Australian Features.

**Operation: <PGM3> → 1.Machine Feature → 22.Aust Features → 1.General Flags**

General Flags	
Print TAX INV on receipts	NO
Print ROUND on receipts	NO
Stop odd cents cashing checks	NO
Stop odd cents RC,PD,LOAN etc	NO
Count Set Menu items	NO
Indent KP Condiments	YES
Default [Swipe] record	0
Swipe has precedence	NO

Use parent PLU's quantity as child PLU's quantity.

Record No. of the swipe key

Swipe card without depressing Swipe key.

## 4-1-23 Programming 22nd address

You can program the general function program by code entry.

**Operation: <PGM3> → 1.Machine Feature → 23.22nd Address**

22nd Address	
0001-022	220000000000
0002-022	000000000000
0003-022	000000000000
	:
0050-022	000000000000

# Program 3

---

## 4-1-24 Programming check window

You can program the attribution (characteristics) of check number window.

**Operation:** <PGM3> → 1.Machine Feature → 24.CHK Window

→ **Select job**

- **Select Check/Table Number**

This program defines the check No. range and key shape of “Add-on new No. type” check No. pop-up window.

CHK Window		
Descriptor	Select Check/Tab	0026-085
OK?		YES

— Title of the Add-on new No. type check No. pop-up window

→ **Select job**

- **CHK# range**

This program defines the check No. range of “Add-on new No. type” check No. pop-up window.

- **Key shape**

This program defines the key shape of “Add-on new No. type” check No. pop-up window.

- **Select Table area 1 ~ 9**

CHK Window		
Descriptor	Table area 1	0027-085
OK?		YES

— Title of the Table layout type check No. pop-up window

→ **Select job**

- **CHK/TBL No.**

This program defines the check No./table No. to the key in the pop-up window.

- **Key Attribute**

This program defines the key shape and picture of the key in the pop-up window.

- **Key Delete**

This program deletes the key in the pop-up window.

- **Select Keyboard**

This program defines the key at the bottom of check No. pop-up window

→ **Select job**

- **Key Assign**

This program defines the key at the bottom the pop-up window.

- **Key Attribute**

This program defines the key color and key text of the key at the bottom of the pop-up window.

- **Key Delete**

This program deletes the key at the bottom of the pop-up window.

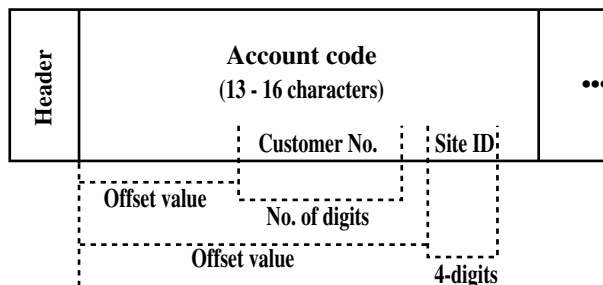
## 4-1-25 Programming customer control

You can program the parameters to control customer.

**Operation: <PGM3> → 1.Machine Feature → 25.Customer Control**

Customer Control	
Allow to create new customer	YES — Allow to create new customer in REG mode.
Automatic create new customer	YES — Create customer No. automatically
Confirm to clear customer	NO — Confirm to clear customer data at finalization.
AUTO Customer Start Range	201 — Start value of the auto customer No. range (0 ~ 9999)
AUTO Customer End Range	301 — End value of the auto customer No. range (0 ~ 9999)
Enter Name for new customer	NO — Force to enter the name of the customer while creation.
Enter Address for new customer	NO — Force to enter the address of the customer while creation.
Enter Phone# for new customer	NO — Force to enter the phone-# of the customer while creation.
Digit of customer card No.	12 — The No. of the digit of the customer in customer card. (0 ~ 12)
Customer card No. offset	7 — The offset value of the customer No. in customer card. (0 ~ 16)
Site ID	0 — Site ID No. (0000 ~ 9999)
Site ID card offset	0 — The offset value of the site ID in customer card (0 ~ 9)

**Note: Magnetic card data format**



## 4-1-26 Programming customer group

You can program the parameters to control customer group.

**Operation: <PGM3> → 1.Machine Feature → 26.Customer Group**

**→ Select customer group**

Memory No.	1	
Group name	Group01	— Group name (0 ~ 16)
Loyalty type	Discount	— Discount / Not used
Credit limit	0.00	— (0 ~ 99999999; "0" is treated as no limitation.)
Print Cust Name on rct	NO	— Print customer name on receipt.
Print Address on rct	NO	— Print customer address on receipt.
Print Phone No. on rct	NO	— Print customer phone No. on receipt.
Print Cust Name on order	NO	— Print customer name on order.
Print Address on order	NO	— Print customer address on order.
Print Phone No. on order	NO	— Print customer phone No. on order.
Discount(1)		— Discount 1 descriptor (0 ~ 16)
ST (%)	0.00	— Discount 1 percent rate (0.00 ~ 99.99)
ST T/S	Non Tax	— Tax status (see discount key program)
Prepared Tax Status(Canada)	NO	
Discount(2)		— Discount 2 descriptor (0 ~ 16)
Selective Item1 (%)	0.00	— Discount 2 percent rate (0.00 ~ 99.99)
Discount(3)		— Discount 3 descriptor (0 ~ 16)
Selective Item2 (%)	0.00	— Discount 3 percent rate (0.00 ~ 99.99)

# Program 3

## 4-1-27 Programming character conversion table for CF X/Z data

You can define character conversion table for X/Z data in CF card.

Operation: <PGM3> → 1.Machine Feature → 27.CF X/Z Conv

CF X/Z Conv		
0001-087	000255	000095
0002-087	000000	00000
0003-087	000000	000000
0004-087	000000	000000
0005-087	000000	000000

Original code (0 ~ 255) / Converted code (0 ~ 255)

## 4-1-28 Programming keyboard color theme

You can define the color theme.

Operation: <PGM3> → 1.Machine Feature → 28.Color Theme

Color Theme	
0001-908	051051051255255255
0002-908	191191191000000000
0003-908	255127127000000000
0004-908	255191127000000000
0005-908	254255127000000000
:	:
0100-908	000000000000000000

Background color code: Red , Green, Blue (0 ~ 255)  
 Character color code: Red, Green, Blue (0 ~ 255)  
 Value 0: thinnest ----- Value 255: thickest

Rec#	Contents	Rec#	Contents
001	Window title color	044	PGM6 icon color of mode window
002	Window color	045	not used
003	Title box color of the check window 1, 11	046	Desktop and menu level display part color
004	Title box color of the check window 2, 12	047	Function key with bar keytop color
:	:	048	Pressed key color
012	Title box color of the check window 10, 20	049	Key side color (lighter side)
013	No check color of key in check window	050	Key side color (darker side)
014	Occupied color of key in check window	051	Deleted key color
015	New balanced color of key in check window	052	not used
016	Guest receipt issued color of key in check window	053	Title box color of key attribution program window
017	Finalized color of key in check window	054	Key color of key attribution (key color) window
018	Table shared color of key in check window	055	Key color of key attribution (key shape) window
019	Title box color of the clerk 1 window	056	Key color of key attribution (key text) window
020	Title box color of the clerk 2 window	057	Key color of key attribution (picture) window
:	:	058	Title box color of key color program window
027	Title box color of the clerk 9 window	059	Title box color of key shape program window
028	not used	060	Title box color of picture program window
029	Title box color of mode window	061	Key color of key shape program window
030	REG icon color of mode window	062	Character programming key color
031	RF icon color of mode window	063	Cursor key color of picture program window
032	REG- icon color of mode window	064	not used
033	not used	065	Desktop color of separate check window
034	X/Z icon color of mode window	066	Background color of separate check window
035	Manager icon color of mode window	067	Key color of separate check source window
036	Inline icon color of mode window	068	Key color of separate check target window
037	AUTO PGM icon color of mode window	069	Active key color of separate check target window
038	CF CARD icon color of mode window	070	Subtotal line color of separate check window
039	PGM1 icon color of mode window	071	Item color of separate check window
040	PGM2 icon color of mode window	072	Cursor key color of separate check window
041	PGM3 icon color of mode window	073	OK key color of separate check window
042	PGM4 icon color of mode window	074	CANCEL key color of separate check window
043	PGM5 icon color of mode window		

#### 4-1-29 Programming keyboard color definition

You can define the color of the item, function key in the keyboard  
 item, function key in the pulldown group  
 clerk, function key in the clerk window  
 check No., function key in the check No. window.

**Operation: <PGM3> → 1.Machine Feature → 29.Color Definition**

Color Definition	
0001-907	051051051255255255
0002-907	191191191000000000
0003-907	255127127000000000
0004-907	255191127000000000
0005-907	254255127000000000
	:
0100-907	000000000000000000

Background color code: Red , Green, Blue (0 ~ 255)  
 Character color code: Red, Green, Blue (0 ~ 255)  
 Value 0: thinnest ----- Value 255: thickest

**Note** The contents of this file is shown in the key color program window.

#### 4-1-30 Programming TCP/IP

**Operation: <PGM3> → 1.Machine Feature → 30.TCP/IP**

TCP / IP	
0001-900	0000000000 000000000000
	:
0002-900	0000000000 000000000000
0003-900	0000000000 000000000000
0004-900	0000000000 000000000000
	:
0011-900	0000000000 000000000000
0012-900	0000000000 000000000000
	:
0026-900	0000000000 000000000000

Not used/  
 $D_1 = 4$ : Direct connection with terminal  
 $D_1 = 2$ : FTP server,  $D_4 \sim D_2$  = FTP server timeout value (0 - 999 sec.)  
 $D_1 = 1$ : DHCP server  
 Not used/ Lease start IP address  
 Not used/ Sub net mask  
 Not used/ Default gateway  
 Not used/ IP address of LAN printer 1  
 Not used/ IP address of LAN printer 2  
 Not used/ IP address of LAN printer 16

#### 4-1-31 Programming external device serial number

**Operation: <PGM3> → 1.Machine Feature → 31.External Device Number**

External Device Number	
0001-920	000000
0002-920	000000
0003-920	000000
0004-920	000000

Serial number for Orderman.

# Program 3

## 4-1-32 Programming additional order control

Operation: <PGM3> → 1.Machine Feature → 32.Add. Order Control

→ Select “Order printer”

Memory No.	1	
Use Add. Order Control	NO	— In case of using “Add. order control”, select “YES”.
Number of Bon	0	
Print Location Character	No Print	— Print order with order character.
Print Item Price	No Print	
Stop printing message on double BON	No Print	
Print Detail of Set Menu	No Print	
Auto cutting every KP order	NO	
Print dashed line	NO	
Perform item consolidation on KP	NO	
Number of line feed before auto cut	0	
Number of line feed after auto cut	0	
Check No. revers print	YES	
Qty separate on order bon	NO	— Print quantity in two lines.
Cond/Prep normal letter	NO	— Print condiment/ preparation in normal/ double size letter
Cut when order character is used	NO	— Stop cutting in case of printing with order character.
Vertical double size character for order printing	NO	
Send drawer signal	NO	— Send drawer signal to the printer for kitchen bell.

## 4-1-33 Programming FTP login password

Operation: <PGM3> → 1.Machine Feature → 33.FTP Login Password

FTP Login Password			
0001-911	QTCTHRD	0TTFSSENT	— Login ID / Password (10 digits each)
0002-911	AAAAAAAAAA	1111111111	
0003-911	BBBBBBBBBB	2222222222	
0004-911	CCCCCCCCC	3333333333	
0005-911			
	:		
0010-911			



#### 4-1-34 Programming FTP server name

Operation: <PGM3> → 1.Machine Feature → 34.FTP Server Name → Select server

Memory No.	1
Title name	Head Office
IP ADDRESS	123123123123
LOGIN ID	ABCDEFGHIJKLMN
PASSWORD	OPQRSTUVWXYZABCD
FOLDER	FTPFOLDER

— FTP server name (Max. 20 characters)  
 — IP address of FTP server  
 — Password (Max. 16 characters)  
 — Login ID (Max. 16 characters)  
 — Folder name (Max. 20 characters)

#### 4-1-35 Programming FTP translation file

Operation: <PGM3> → 1.Machine Feature → 35.FTP Trans File → Select title

Memory No.	1
Title name	PLU X Data
Direction	To Server
Data Type	X/Z
Z Clear If Z data	YES
Send file No.	4
Recv file name	FILE004P.TXT

— Title name (Max. 20 characters)  
 — Select "To server" or "From Server".  
 — Select "X/Z" or "PGM".  
 — Select "YES" or "NO".  
 — Select file No. within 4-digits (N<sub>1</sub>N<sub>2</sub>N<sub>3</sub>N<sub>4</sub>)  
 — File name (Max. 20 characters)

File No.: Enter the file No. described on the page P-18 ~ 22, except PLU stock (0064), electronic journal (0048), copy all data (0090), and copy all program data (0092)

#### 4-1-36 Programming PC Keyboard

Operation: <PGM3> → 1.Machine Feature → 36.PC Keyboard

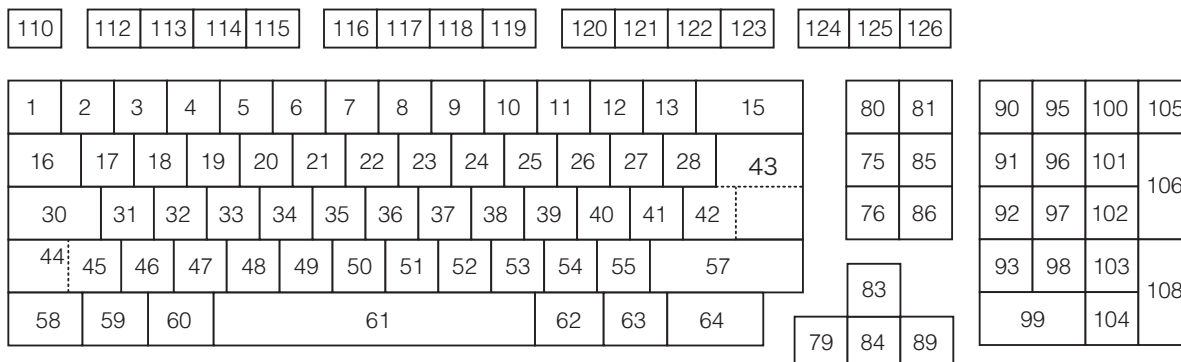
PC Keyboard				
0001-374	0000	0000	0000	00
0002-374	0000	0000	0000	00
0003-374	0000	0000	0000	00
0004-374	0000	0000	0000	00
0005-374	0000	0000	0000	00

— Function code/ Function record No. <sup>\*1/</sup> Character code <sup>\*2/</sup> Effective CAPS Lock

**Note: Please perform the flag clear operation of the terminal after changing the PC keyboard.**

*1, *2	Function code	Function record No.	CAPS Lock
1. Ten key ("1" ~ "9")	201	0001 ~ 0009	Effective = "01"
2. Ten key ("0", "00", "000")	201	0010 ~ 0012	Not effective = "00"
3. Decimal position	098	0000	
4. Department key	051	Record No. of file-005	
5. Flat PLU	063	Record No. of file-004	
6. One touch NLU	138	Record No. of file-077	
7. Other function	Free function code	Record No. of file-002	

Hard key code of PC keyboard



# Program 3

## Character table

Chara	Code	Chara	Code	Chara	Code	Chara	Code	Chara	Code	Chara	Code	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	í	141
.	46	>	62	N	78	^	94	n	110	~	126	Ä	142
/	47	?	63	O	79	_	95	o	111		127	Å	143

Chara	Code	Chara	Code	Chara	Code	Chara	Code	Chara	Code	Chara	Code	Chara	Code
É	144	á	160		176		192	đ	208		224		240
æ	145	í	161		177		193	Ð	209	ß	225	±	241
Æ	146	ó	162		178		194		210		226		242
ô	147	ú	163		179		195		211		227		243
ö	148	ñ	164		180		196		212		228		244
ò	149	Ñ	165		181		197		213		229		245
û	150	ä	166		182		198		214	μ	230		246
ù	151	ö	167		183		199		215	þ	231		247
ÿ	152	č	168		184		200		216	Þ	232		248
Ö	153		169		185		201		217		233		249
Ü	154	¬	170		186		202		218		234	.	250
φ	155		171		187		203		219		235		251
£	156		172		188		204		220	ÿ	236		252
	157	ı	173	¢	189		205	ı	221	Ÿ	237		253
×	158	«	174	¥	190		206		222	-	238		254
f	159	»	175		191		207		223		239		255

## 4-2. Programming clerks

### 4-2-1 Programming clerk control

Operation: <PGM3> → 2.Clerk → 1.Clerk Feature → Select clerk

Memory No.	1		
Descriptor	C01	—	Descriptor (16 digits)
Secret number	1	—	Secret code (1 ~ 9999)
Check No. for Clerk Interrupt	1	—	Check number for clerk interrupt (0 ~ 999999)
Drawer number	0	—	Drawer number (1 ~ 2)
Type of operator	Cashier	—	Cashier / Clerk / Manager
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	—	Current only / Complete void / Not allowed
Sound File	0	—	The last 2 digit of the sound file number

### 4-2-2 Programming operation

#### 4-2-2-1 Programming clerk control

Operation: <PGM3> → 2.Clerk → 2.Operation → 1.Clerk Control → Select clerk

Memory No.	1	
Check No. Compulsory	NO	
Table No. Compulsory	NO	
No. of Covers Compulsory	NO	
GST RCT Compulsory(Finalize)	NO	
GST RCT Compulsory(NB)	NO	
Slip Automatic Batch Print Compulsory(Finalize)	NO	
SLIP Automatic Batch Print Compulsory(NB)	NO	
Seat Number Compulsory	NO	
Eat-in/Take-out Compulsory	NO	

# Program 3

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

Operation: <PGM3> → 2.Clerk → 2.Operation → 2.Menu Shift/2nd@ → Select clerk

Memory No.	1	
Allow to operate 1st Menu	YES	— Allow/Prohibit to register by n-th (n = 1 ~ 15) Menu.
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	
Allow to operate 9th Menu	YES	
Allow to operate 10th Menu	YES	
Allow to operate 11th Menu	YES	
Allow to operate 12th Menu	YES	
Allow to operate 13th Menu	YES	
Allow to operate 14th Menu	YES	
Allow to operate 15th Menu	YES	
Shift PLU after sign on	0	— Shift PLU after sign on: (1 ~ 8)
Menu shift after sign on	0	— Menu shift after sign on: (1 ~ 15)
Price shift after sign on	0	— Price shift after sign on: (1 ~ 2)
Check window default menu	0	— Default menu No. after opening the check window Table layout type 01 ~ 19 = 01 ~ 19, Full screen type 01 ~ 03 = 21 ~ 23
Menu shift	Status	— Status/ Staydown/ Single transaction
Price shift	Status	— Status/ Staydown/ Single transaction

## 4-2-2-3 Programming mode control

Operation: <PGM3> → 2.Clerk → 2.Operation → 3.Mode Control → Select clerk

Memory No.	1	
Allow to operate REG Mode	YES	— REG / PGM1 / X/Z
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	
Allow to operate Inline X/Z	YES	
Allow to operate AUTO PGM	YES	
Allow to operate CF Card	YES	
Default mode after sign on	REG	

#### 4-2-2-4 Programming function control 1

Operation: <PGM3> → 2.Clerk → 2.Operation → 4.Allowed function 1 → Select clerk

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
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
Minus	YES
% Minus	YES
Plus	YES
% Plus	YES
Refund	YES
Coupon2	YES

#### 4-2-2-5 Programming function control 2

Operation: <PGM3> → 2.Clerk → 2.Operation → 5.Allowed function 2 → Select clerk

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
SLIP Back Feed/Release	YES
SLIP Print	YES
SLIP Feed/Release	YES
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

## Program 3

---

### 4-2-2-6 Programming function control 3

Operation: <PGM3> → 2.Clerk → 2.Operation → 6.Allowed function 3 → Select clerk

Memory No.	1
Operator X/Z	YES
Tray Total	YES
Subtotal	YES
Receipt On/Off	YES
TAST	YES
Operator Number	YES
MDST	YES
FSST	YES
X	YES
X/For	YES
X/XX	YES
X/XXX	YES
Keiten Bon	YES
Selective Item ST	YES
New Check	YES
Old Check	YES
New/Old Check	YES
Add Check	YES
Separate Check	YES
Coupon Number	YES

### 4-2-2-7 Programming function control 4

Operation: <PGM3> → 2.Clerk → 2.Operation → 7.Allowed function 4 → Select clerk

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

---

#### 4-2-2-8 Programming function control 5

Operation: <PGM3> → 2.Clerk → 2.Operation → 8.Allowed function 5 → Select clerk

Memory No.	1
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
Search	YES
Order Char Change	YES
Price Change	YES
One Touch PLU	YES
Not Found PLU	YES
Work Time	YES
Free Function List	YES

#### 4-2-2-9 Programming arrangement control

Operation: <PGM3> → 2.Clerk → 2.Operation → 9.Arrangement → Select clerk

Memory No.	1
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

# Program 3

---

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

Operation: <PGM3> → 2.Clerk → 2.Operation → 10.Report → Select clerk

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
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
Employee Edit	YES

## 4-2-3 Programming commission rate

Operation: <PGM3> → 2.Clerk → 3.Commission Rate → Select clerk

Memory No.	1	
Commission Rate(1)	0.00	0.00 ~ 99.99 (or flat fee)
Commission Rate(2)	0.00	0.00 ~ 99.99 (or flat fee)

## 4-2-4 Programming table range

Operation: <PGM3> → 2.Clerk → 4.Table Range → Select clerk

Memory No.	1	
Start Table Range	0	0 ~ 999999
End Table Range	0	0 ~ 999999



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

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

Operation: <PGM3> → 2.Clerk → 5.Range → 1.Clerk Control

Clerk Control	
Check No. Compulsory	NO
Table No. Compulsory	NO
No. of Covers Compulsory	NO
GST RCT Compulsory(Finalize)	NO
GST RCT Compulsory(NB)	NO
Slip Automatic Batch Print Compulsory(Finalize)	NO
SLIP Automatic Batch Print Compulsory(NB)	NO
Seat Number Compulsory	NO
Eat-in/Take-out Compulsory	NO

Operation: → Specify Start and End number

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

Operation: <PGM3> → 2.Clerk → 5.Range → 2.Menu Shift / 2nd@

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
Allow to operate 9th Menu	YES
Allow to operate 10th Menu	YES
Allow to operate 11th Menu	YES
Allow to operate 12th Menu	YES
Allow to operate 13th Menu	YES
Allow to operate 14th Menu	YES
Allow to operate 15th Menu	YES
Shift PLU after sign on	0
Menu shift after sign on	0
Price shift after sign on	0
Check window default menu	0
Menu shift	Status
Price shift	Status

Operation: → Specify Start and End number

## Program 3

---

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

Operation: <PGM3> → 2.Clerk → 5.Range → 3.Mode Control

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
Allow to operate Inline Mode	YES
Allow to operate AUTO PGM	YES
Allow to operate CF Card	YES
Default mode after sign on	REG

Operation: → Specify Start and End number

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

Operation: <PGM3> → 2.Clerk → 5.Range → 4.Allowed function 1

Allowed function 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
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
Minus	YES
% Minus	YES
Plus	YES
% Plus	YES
Refund	YES
Coupon2	YES

Operation: → Specify Start and End number

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

Operation: <PGM3> → 2.Clerk → 5.Range → 5.Allowed function 2

Allowed function 2	
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
SLIP Back Feed/Release	YES
SLIP Print	YES
SLIP Feed/Release	YES
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

Operation: → Specify Start and End number

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

Operation: <PGM3> → 2.Clerk → 5.Range → 6.Allowed function 3

Allowed function 3	
Operator X/Z	YES
Tray Total	YES
Subtotal	YES
Receipt On/Off	YES
TAST	YES
Operator Number	YES
MDST	YES
FSST	YES
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
Coupon Number	YES

Operation: → Specify Start and End number

## **Program 3**

---

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

**Operation: <PGM3> → 2.Clerk → 5.Range → 7.Allowed function 4**

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

**Operation: → Specify Start and End number**

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

**Operation: <PGM3> → 2.Clerk → 5.Range → 8.Allowed function 5**

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
Price Change	YES
NLU	YES
NFP	YES
Work Time	YES
Function List	YES

**Operation: → Specify Start and End number**

---

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

Operation: <PGM3> → 2.Clerk → 5.Range → 9.Arrangement

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

Operation: → Specify Start and End number

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

Operation: <PGM3> → 2.Clerk → 5.Range → 10.Report

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
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
Employee Edit	YES

Operation: → Specify Start and End number

# Program 3

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

Operation: <PGM3> → 2.Clerk → 5.Range → 11.Commission Rate

Commission Rate	
Commission Rate(1)	0.00 — 0.00 ~ 99.99
Commission Rate(2)	0.00 — 0.00 ~ 99.99

Operation: → Specify Start and End number

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

Operation: <PGM3> → 2.Clerk → 5.Range → 12.Table range

Table Range	
Start Table Range	0 — 0 ~ 999999
End Table Range	0 — 0 ~ 999999

Operation: → Specify Start and End number

## 4-2-6 Programming clerk detail

Operation: <PGM3> → 2.Clerk → 6.Clerk Detail

Clerk Detail		
0001-030	0001-001 GROSS	— Linked totalizer (rec No. - file No., descriptor)
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		

- Add/Modify the record  
→ Select record → Select Item
- Delete all record after specified  
→ Select record → <NO> key
- Delete the record only  
→ Select record → “0” <YES> key

## 4-2-7 Programming clerk key ID

Operation: <PGM3> → 2.Clerk → 7.Clerk Key ID

Clerk Key ID	
1234567890AB	C01
ABCDEFGHIJKL	GLENN DEAL

i-Button key ID character / Clerk name (Arrangement No.)

- **Add/Modify the record**

→ **Attach i-Button to the receiver** → **Select Clerk**

or

→ **Attach i-Button to the receiver** → **Enter arrangement file No. (3-digit) and arrangement table No. (4-digit) and press <YES> key.**

- **Delete the record**

→ **Select record** → **Select (Key ID reset)**

## 4-2-8 Programming clerk pop-up window

You can program the attribution (characteristics) of clerk pop-up window.

Operation: <PGM3> → 2.Clerk → 8.Clerk Window

- **Select Clerk window 1 ~ 9**

Clerk Window		
Descriptor	Clerk window1	0036-085
OK?	YES	

Title of the clerk pop-up window 1

→ **Select job**

- **Key Assign**

This program defines a clerk to a key in the pop-up window. In case of deleting the assignment, select (Clerk reset).

- **Key Attribute**

This program defines the key color, shape and picture of the key in the pop-up window.

- **Key Delete**

This program deletes the key in the pop-up window.

# Program 3

## 4-3. Programming key features

### 4-3-1 Programming PLU features

Operation: <PGM3> → 3.Key Feature → 1.PLU → \*Select item

Memory No.	1		
Random Code	123	000001 ~ 999999	
Descriptor	PLU0001	0 ~ 24 characters	
Price	0.00	0 ~ 999999	
Receipt Type	Normal Item	Normal Item / Single Item	
Item Type	Normal Item	Normal Item / Condiment / Preparation	
Group Link	-----		
Dept Link	-----		
Sub-Dept Link	-----		
Taxable status	Non Tax	See below.	
Prepared Tax Status(Canada)	NO	“YES”: prepared tax, “NO”: not prepared tax	
Commission 1	NO		
Commission 2	NO		
Selective item	None		
Order color	Black	Black / Red for TM-U220, Normal / Reverse for UP-400	
Order Print #1	NO	Order Print #1 ~ #16:	
Order Print #2	NO	These numbers are defined in the printer connection table	
	:		
Order Print #16	NO		
Order Char Link	-----		
Number of Bon	0	0 ~ 9	
Unit Stock	0.000	0.001 ~ 99.999	
Minimum Stock	0.000	0.001 ~ 99.999	
Set Menu Table	123		
List Link #1	-----		
List Link #2	-----		
List Link #3	-----		
List Link #4	-----		
Open PLU			
Zero Unit Price	NO		
Negative Price	NO		
Hash Item	NO		
Full Hash Item	NO		
High Amount Limit	0.00	0 ~ 999999	
Low Digit Limit	0	0, 1 ~ 7, (8, 9: prohibit entry)	
Multiple VLD	N Repeat		
Use main Item Amt Only	NO		
Use Premium Item of Set	NO		
Category No.	0	Do not use in Add-on tax system	
Item Follows Department	NO		
Block/Close Item	NO		
Scalable	NO		
Allow Manual Scale Entry	NO		
Tare Link	0		
Rollup Condiment	NO		



---

**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 36.)
- 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

### 4-3-2 Programming PLU 2nd@ features

**Operation: <PGM3> → 3.Key Feature → 2.PLU 2nd@ → \*Select item**

Memory No.	1	Random Code	0	
Descriptor	PLU0001			0 ~ 24 characters
Qty		0.00		0.00 ~ 9999.99
Price		0.00		0 ~ 999999
Group Link		-----		
Dept Link		-----		
Sub-Dept Link		-----		
Taxable status		Non Tax		See the Note of the PLU programming section.
Unit Stock		0.000		0.001 ~ 99.999
Zero Unit Price		NO		

\* **Item selection: There are 4 methods to select items.**

**1. Select by cursor.**

**2. Press the appropriate PLU key directly.**

**3. Designate PLU record No. or random No.**

**4. Using character search:** You can search an item by its name.

Press <SEARCH> key, enter a few characters and press the <ENTER> key.

The terminal searches the item includes these characters.

After character search, press <UP ARROW> / <DOWN ARROW> shows the next/  
previous candidate.

# Program 3

## 4-3-3 Programming subdepartment features

Operation: <PGM3> → 3.Key Feature → 3.Sub-Department → Select item

Memory No.	1		
Descriptor	SUBDEPT01		0 ~ 16 characters
Price	0.00		0 ~ 999999
Receipt Type	Normal Item		Normal Item / Single Item
Group Link	-----		
Dept Link	-----		
Taxable status	Non Tax		See the Note of the PLU programming section.
Prepared Tax Status(Canada)	NO		
Commission 1	NO		
Commission 2	NO		
Selective item	None		
Order color	Black		Black / Red for TM-U220, Normal / Reverse for UP-400
Order Print #1	NO		Order Print #1 ~ #16:
Order Print #2	NO		These numbers are defined in the printer connection table
Order Print #16	NO		
Order Char Link	-----		
Number of Bon	0		0 ~ 9
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		0 ~ 999999
Low Digit Limit	0		0, 1 ~ 7, (8, 9: prohibit entry)
Multiple VLD	N Repeat		
Color Link	0		Record No. of the display area color definition file (file-906): (12 ~ 99)

#### 4-3-4 Programming department features

Operation: <PGM3> → 3.Key Feature → 4.Department → Select item

Memory No.	1		
Random Code	123	000001 ~ 999999	
Descriptor	DEPT01	0 ~ 16 characters	
Price	0.00	0 ~ 999999	
Receipt Type	Normal Item	Normal Item / Single Item	
Group Link	-----		
Taxable status	Non Tax	See the Note of the PLU programming section.	
Prepared Tax Status(Canada)	NO		
Commission 1	NO		
Commission 2	NO		
Selective item	None		
Order color	Black	Black / Red for TM-U220, Normal / Reverse for UP-400	
Order Print #1	NO	Order Print #1 ~ #16:	
Order Print #2	NO	These numbers are defined in the printer connection table	
Order Print #16	NO		
Order Char Link	-----		
Number of Bon	0	0 ~ 9	
List Link #1	-----		
List Link #2	-----		
List Link #3	-----		
List Link #4	-----		
Open DEPT			
Zero Unit Price	NO		
Negative Price	NO		
Hash Item	NO		
Full Hash Item	NO		
High Amount Limit	0.00	0 ~ 999999	
Low Digit Limit	0	0, 1 ~ 7, (8, 9: prohibit entry)	
Multiple VLD	N Repeat		
Color Link	0	Record No. of the display area color definition file (file-906): (12 ~ 99)	
Scalable	NO		
Allow Manual Scale Entry	NO		

# Program 3

## 4-3-5 Programming by range

Operation: <PGM3> → 3.Key Feature → 5.Range

→ Select the job

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. Prepared tax status		5. Prepared tax status	4. Prepared tax status
8. Commission 1		6. Commission 1	5. Commission 1
9. Commission 2		7. Commission 2	6. Commission 2
10. Selective Item		8. Selective Item	7. Selective Item
11. Order color		9. Order color	8. Order color
12. Order Print #1		10. Order Print #1	9. Order Print #1
13. Order Print #2		11. Order Print #2	10. Order Print #2
:		:	:
27. Order Print #16		25. Order Print #16	24. Order Print #16
28. Order Char Link		26. Order Char Link	25. Order Char Link
29. Number of Bon		27. Number of Bon	26. Number of Bon
20. Unit Stock	5. Unit Stock		
31. Minimum Stock			
32. Set Menu Table			
33. List Link #1		28. List Link #1	27. List Link #1
34. List Link #2		29. List Link #2	28. List Link #2
35. List Link #3		30. List Link #3	29. List Link #3
36. List Link #4		31. List Link #4	30. List Link #4
37. Open PLU			31. Open DEPT
38. Zero Unit Price	6. Zero Unit Price	32. Zero Unit Price	32. Zero Unit Price
39. Negative Price		33. Negative Price	33. Negative Price
40. Hash Item		34. Hash Item	34. Hash Item
41. Full Hash Item		35. Full Hash Item	35. Full Hash Item
42. High Amount Limit		36. High Amount Limit	36. High Amount Limit
43. Low Digit Limit		37. Low Digit Limit	37. Low Digit Limit
44. Multiple VLD		38. Multiple VLD	38. Multiple VLD
		39. Color Link	39. Color Link
45. Use main Item Amt Only			
46. Use Premium Item of Set			
47. Category No.			
48. Item Follows Department			
49. Block/ Close item			
50. Scalable			40. Scalable
51. Allow Manual Scale Entry			41. Allow Manual Scale entry
52. Tare Link			
53. Rollup Condiment			

→ Program of each job (refer to the explanations and notes of the PLU section)

→ Specify Start and End number

---

#### 4-3-6 Programming individual program

Operation: <PGM3> → 3.Key Feature → 6.Individual PGM

→ **Select the job**

- |                        |                             |                              |
|------------------------|-----------------------------|------------------------------|
| 1. Receipt Type        | 30. Unit Stock              | 47. Category No.             |
| 2. Item Type           | 31. Minimum Stock           | 48. Item Follows Department  |
| 3. Group Link          | 32. Set Menu Table          | 49. Block/ Close Item        |
| 4. Dept Link           | 33. List Link #1            | 50. Scalable                 |
| 5. Sub-Dept Link       | 34. List Link #2            | 51. Allow Manual Scale Entry |
| 6. Taxable status      | 35. List Link #3            | 52. Tare Link                |
| 7. Prepared tax status | 36. List Link #4            | 53. Rollup Condiment         |
| 8. Commission 1        | 37. Open PLU                |                              |
| 9. Commission 2        | 38. Zero Unit Price         |                              |
| 10. Selective Item     | 39. Negative Price          |                              |
| 11. Order color        | 40. Hash Item               |                              |
| 12. Order Print #1     | 41. Full Hash Item          |                              |
| 13. Order Print #2     | 42. High Amount Limit       |                              |
| :                      | 43. Low Digit Limit         |                              |
| 27. Order Print #16    | 44. Multiple VLD            |                              |
| 28. Order Char Link    | 45. Use main Item Amt Only  |                              |
| 29. Number of Bon      | 46. Use Premium Item of Set |                              |

→ **Program of each job** (refer to the explanations and notes of the PLU section)

→ **Specify the item**

#### 4-3-7 Programming key function program

Operation: <PGM3> → 3.Key Feature → 7.Function Key

→ **Select key on the keyboard** (The current program is shown.) → **Change program if necessary**  
or

→ **Enter parameter and press the key**

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

# Program 3

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

Description		Choice	Program code
Open drawer when the key is pressed.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D <sub>14</sub>
Clear check after finalization.	b	No = 0 Yes = 2	
Room number compulsory. (<CH> only)	c	No = 0 Yes = 4	
Always "0"			<input type="checkbox"/> D <sub>13</sub>
Restriction (to 0, 5) on last digit for amount tendered.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D <sub>12</sub>
Perform guest receipt printing.	b	No = 0 Yes = 2	
Next dollar tender. (<CA> only)	c	No = 0 Yes = 4	
Allowable number of validation printing ("0" means no limitation)		Significant number (0 ~9)	<input type="checkbox"/> D <sub>11</sub>
Force validation operation.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D <sub>10</sub>
Print check number barcode on receipt.	b	No = 0 Yes = 2	
Restriction (to 00, 50) on last two digits for amount tendered (Only for <CASH> in Danish rounding).	c	No = 0 Yes = 4	
Always "0"			<input type="checkbox"/> D <sub>9</sub>
Force slip printing.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D <sub>8</sub>
Force check endorsement printing (Only for <CHECK>).	b	No = 0 Yes = 2	
Force check printing (Only for <CHECK>).	c	No = 0 Yes = 4	
Prohibit entry of a partial payment.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D <sub>7</sub>
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.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D <sub>6</sub>
Check cashing commission (Only for <CHECK>) ① Use an amount      ② Use a rate	b	Amount = 0 Rate = 2	
Validation amount 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 <sub>5</sub>
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.	Maximum value (0 ~ 9)		<input type="checkbox"/> <input type="checkbox"/> D <sub>4</sub> D <sub>3</sub>
	Number of zeros (0 ~ 9)		
High amount limit specification for change amount due.	Maximum value (0 ~ 9)		<input type="checkbox"/> <input type="checkbox"/> D <sub>2</sub> D <sub>1</sub>
	Number of zeros (0 ~ 9)		

### 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 <sub>11</sub>
Force validation operation.	a	No = 0 Yes = 1	<input type="text"/> (a+b) D <sub>10</sub>
Print check number barcode on receipt.	b	No = 0 Yes = 2	
Always “0”			<input type="text"/> D <sub>9</sub>
Force slip printing.	a	No = 0 Yes = 1	<input type="text"/> (a+b) D <sub>8</sub>
Open drawer when the key is pressed.	b	No = 0 Yes = 2	
Always “0”			<input type="text"/> D <sub>7</sub>
Print VAT breakdown.	a	No = 0 Yes = 1	<input type="text"/> (a+b) D <sub>6</sub>
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 <sub>5</sub>
Tax calculation No = 0, Temporary = 1, Yes = 2		Significant number (0 ~ 2)	<input type="text"/> D <sub>4</sub>
Always “000”			<input type="text"/> <input type="text"/> <input type="text"/> D <sub>3</sub> D <sub>2</sub> D <sub>1</sub>

# Program 3

## 4-3-7-3 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="checkbox"/> D <sub>11</sub>
Force validation operation.		No = 0 Yes = 1	<input type="checkbox"/> D <sub>10</sub>
Always “0”			<input type="checkbox"/> 0 D <sub>9</sub>
Force slip printing.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b) D <sub>8</sub>
Prohibit over tender. (only for <EBT>)	b	No = 0 Yes = 4	
Always “0”			<input type="checkbox"/> 0 D <sub>7</sub>
Print VAT breakdown.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b) D <sub>6</sub>
Validation amount ① Print FSST amount    ② Print FS/EBT amount tendered	b	① = 0 ② = 4	
Always “0”			<input type="checkbox"/> 0 D <sub>5</sub>
High amount limit specification for subtotal and tendering amounts.		Maximum value (0 ~ 9)	<input type="checkbox"/> <input type="checkbox"/> D <sub>4</sub> D <sub>3</sub>
		Number of zeros (0 ~ 9)	
Always “00”			<input type="checkbox"/> 0 <input type="checkbox"/> 0 D <sub>2</sub> D <sub>1</sub>



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

Description		Choice	Program code
Print characters to order printer 1.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D <sub>20</sub>
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 <sub>19</sub>
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.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D <sub>18</sub>
Print characters to order printer 8.	b	No = 0 Yes = 2	
Print characters to order printer 9.	c	No = 0 Yes = 4	
Print characters to order printer 10.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D <sub>17</sub>
Print characters to order printer 11.	b	No = 0 Yes = 2	
Print characters to order printer 12.	c	No = 0 Yes = 4	
Print characters to order printer 13.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D <sub>16</sub>
Print characters to order printer 14.	b	No = 0 Yes = 2	
Print characters to order printer 15.	c	No = 0 Yes = 4	
Print characters to order printer 16.		No = 0 Yes = 1	<input type="checkbox"/> D <sub>15</sub>
Color link number (record No. of color link file: File-906) ("00 ~ 11" is treated as "03".)		Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D <sub>14</sub> D <sub>13</sub>
Always "0"			<input type="checkbox"/> <b>0</b> D <sub>12</sub>
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 <sub>11</sub> D <sub>10</sub> D <sub>9</sub> D <sub>8</sub>
Allow clerk change or mode change after pressing the key as the first transaction.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b) D <sub>7</sub>
Print characters to sales receipt printer.	b	Yes = 0 No = 2	
Order character record No. (01 ~ 99) ("00" clears programming)		Significant number	<input type="checkbox"/> <input type="checkbox"/> D <sub>6</sub> D <sub>5</sub>
Printing color (effective only for order)	a	Black = 0 Red = 1	<input type="checkbox"/> (a+b+c) D <sub>4</sub>
Display/print with quantity.	b	No = 0 Yes = 2	
Staydown "TEXT RECALL WINDOW" (effective only for "text recall" key)	c	No = 0 Yes = 4	
Order style: Independent = 0, Follow one item = 1, Follow all items = 2		Significant number	<input type="checkbox"/> D <sub>3</sub>
Always "00"			<input type="checkbox"/> <input type="checkbox"/> D <sub>2</sub> D <sub>1</sub>

# Program 3

## 4-3-7-5 Worksheet for check print

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

## 4-3-7-6 Worksheet for clerk transfer

Description	Choice	Program code										
Clerk number ① Memory number    ② Clerk secret number	① = 0 ② = 1	<input type="text"/> D <sub>7</sub>										
Always "00000"		<table border="1"> <tr> <td>0</td><td>0</td><td>0</td><td>0</td><td>0</td> </tr> <tr> <td>D<sub>6</sub></td><td>D<sub>5</sub></td><td>D<sub>4</sub></td><td>D<sub>3</sub></td><td>D<sub>2</sub></td> </tr> </table>	0	0	0	0	0	D <sub>6</sub>	D <sub>5</sub>	D <sub>4</sub>	D <sub>3</sub>	D <sub>2</sub>
0	0	0	0	0								
D <sub>6</sub>	D <sub>5</sub>	D <sub>4</sub>	D <sub>3</sub>	D <sub>2</sub>								
Transfer by Dallas key operation.	No = 0 Yes = 1	<input type="text"/> D <sub>1</sub>										

## 4-3-7-7 Worksheet for table transfer

Description	Choice	Program code
Transfer time and clerk while ST transfer.	a No = 0 Yes = 1	<input type="text"/> (a+b+c) D <sub>8</sub>
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="text"/> (a+b+c) D <sub>7</sub>
Transfer the number of customer.	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="text"/> (a+b+c) D <sub>6</sub>
Receipt is issued, even if the receipt switch is off.	b No = 0 Yes = 2	
Auto check transfer with customer name	c No = 0 Yes = 4	
Print VAT breakdown	a No = 0 Yes = 1	<input type="text"/> (a+b) D <sub>5</sub>
Print receipt.	b Yes = 0 No = 2	
Tax calculation No = 0, Temporary = 1, Yes = 2	Significant number	<input type="text"/> D <sub>4</sub>
Always "0"		<input type="text"/> D <sub>3</sub>
Check number window No.: "Add-on new No." type = 00 "Table layout" type 01 ~ 19 = 01 ~ 19, "Full screen" type 01 ~ 03 = 21 ~ 23	Significant numbers	<input type="text"/> <input type="text"/> D <sub>2</sub> D <sub>1</sub>

#### 4-3-7-8 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 <sub>11</sub>
Always “0000”		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D <sub>10</sub> D <sub>9</sub> D <sub>8</sub> D <sub>7</sub>
Always “000”		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D <sub>6</sub> D <sub>5</sub> D <sub>4</sub>
High digit limitation (HDL) for manually entered unit price (“9” means NOT allow manual entry)	Significant number	<input type="checkbox"/> D <sub>3</sub>
Always “00”		<input type="checkbox"/> <input type="checkbox"/> D <sub>2</sub> D <sub>1</sub>

#### 4-3-7-9 Worksheet for loan, pick up

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

#### 4-3-7-10 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="checkbox"/> D <sub>11</sub>
Force validation operation.	No = 0 Yes = 1	<input type="checkbox"/> D <sub>10</sub>
Always “00000”		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D <sub>9</sub> D <sub>8</sub> D <sub>7</sub> D <sub>6</sub> D <sub>5</sub>
High amount limit specification for entering amounts	Maximum value (0 ~ 9)	<input type="checkbox"/> <input type="checkbox"/> D <sub>4</sub> D <sub>3</sub>
	Number of zeros (0 ~ 9)	
Always “0”		<input type="checkbox"/> D <sub>2</sub>
Enter numbers after registration.	No = 0 Yes = 1	<input type="checkbox"/> D <sub>1</sub>

# Program 3

## 4-3-7-11 Worksheet for plus, minus, coupon

Description		Choice	Program code
Color link number (record No. of color link file: File-906) ("00 - 11" is treated as "03".)		Significant number	<input type="checkbox"/> <input type="checkbox"/> D <sub>14</sub> D <sub>13</sub>
Always "0"			<input type="checkbox"/> D <sub>12</sub>
Multiple validation (If "No", only one validation printing is possible.)		Yes = 0 No = 4	<input type="checkbox"/> D <sub>11</sub>
Always "0"			<input type="checkbox"/> D <sub>10</sub>
U.S., Singapore:			
Food stamp status (except Singapore)		No = 0 Yes = 1	<input type="checkbox"/> D <sub>9</sub>
Taxable status 1	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D <sub>8</sub>
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 <sub>9</sub>
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 <sub>8</sub>
Other area:			
Taxable status 01 ~ 10 ("00" means Non-tax)		Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D <sub>9</sub> D <sub>8</sub>
Allow credit balance. (-, CPN only)		Yes = 1 No = 0	<input type="checkbox"/> D <sub>7</sub>
Always "00"			<input type="checkbox"/> <input type="checkbox"/> D <sub>6</sub> D <sub>5</sub>
Allow key operation after <SUBTOTAL>.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b) D <sub>4</sub>
Allow key operation after item registration.	b	Yes = 0 No = 4	
High digit limitation (HDL) for manually entered unit price ("8, 9" means NOT allow manual entry.)		Significant number	<input type="checkbox"/> D <sub>3</sub>
Commission 1	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D <sub>2</sub>
Commission 2	b	No = 0 Yes = 2	
Prepared tax status	c	Yes = 0 No = 4	
Always "0"			<input type="checkbox"/> D <sub>1</sub>

#### 4-3-7-12 Worksheet for deposit+, deposit-

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

#### 4-3-7-13 Worksheet for void

Description		Choice	Program code
Void is not possible after ST.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D <sub>4</sub>
Void is possible only before <NB>	b	No = 0 Yes = 2	
Only error correction is possible. (In case of D <sub>3</sub> -b = 0, this option is effective.)	c	No = 0 Yes = 4	
Only one time / transaction error correction is possible	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b) D <sub>3</sub>
Update error correction key totalizer.	b	No = 0 Yes = 2	
Item delete (When "No" is selected, only a line can be deleted.)		No = 0 Yes = 1	<input type="checkbox"/> D <sub>2</sub>
Select void reason.		No = 0 Yes = 4	<input type="checkbox"/> D <sub>1</sub>

#### 4-3-7-14 Worksheet for check endorsement

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

# Program 3

## 4-3-7-15 Worksheet for discount, premium

Description		Choice	Program code
Color link number (record No. of color link file: File-906) ("00 ~ 11" is treated as "03".)		Significant number	<input type="text"/> <input type="text"/> D <sub>14</sub> D <sub>13</sub>
Always "0"			<input type="text"/> 0 D <sub>12</sub>
Multiple validation (If "No", only one validation printing is possible.)		Yes = 0 No = 4	<input type="text"/> D <sub>11</sub>
Always "0"			<input type="text"/> 0 D <sub>10</sub>
U.S., Singapore: All taxable and food stampable = 99			
Food stamp status (except Singapore)		No = 0 Yes = 1	<input type="text"/> D <sub>9</sub>
Taxable status 1	a	No = 0 Yes = 1	<input type="text"/> (a+b+c) D <sub>8</sub>
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="text"/> D <sub>9</sub>
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="text"/> D <sub>8</sub>
Other area:			
Taxable status 01 ~ 10 ("00" means Non-tax, "99" means All taxable.)		Significant numbers	<input type="text"/> <input type="text"/> D <sub>9</sub> D <sub>8</sub>
Allow manual override.		Yes = 0 No = 2	<input type="text"/> D <sub>7</sub>
Allow key operation after <SI/ST>.		Yes = 0 No = 1	<input type="text"/> D <sub>6</sub>
Rounding: Round off = 0, cut off = 1, round up = 2		Significant number	<input type="text"/> D <sub>5</sub>
Allow key operation after <SUBTOTAL>.	a	Yes = 0 No = 1	<input type="text"/> (a+b) D <sub>4</sub>
Allow key operation after item registration.	b	Yes = 0 No = 4	
Always "0"			<input type="text"/> 0 D <sub>3</sub>
Commission 1	a	No = 0 Yes = 1	<input type="text"/> (a+b+c) D <sub>2</sub>
Commission 2	b	No = 0 Yes = 2	
Prepared tax status	c	Yes = 0 No = 4	
Always "0"			<input type="text"/> 0 D <sub>1</sub>

#### 4-3-7-16 Worksheet for receipt

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

# Program 3

## 4-3-7-17 Worksheet for non-add, non-add/NS

Description	Choice	Program code
Print characters to order printer 1.	a	<input type="checkbox"/> (a+b+c) D <sub>20</sub>
Print characters to order printer 2.	b	
Print characters to order printer 3.	c	
Print characters to order printer 4.	a	<input type="checkbox"/> (a+b+c) D <sub>19</sub>
Print characters to order printer 5.	b	
Print characters to order printer 6.	c	
Print characters to order printer 7.	a	<input type="checkbox"/> (a+b+c) D <sub>18</sub>
Print characters to order printer 8.	b	
Print characters to order printer 9.	c	
Print characters to order printer 10.	a	<input type="checkbox"/> (a+b+c) D <sub>17</sub>
Print characters to order printer 11.	b	
Print characters to order printer 12.	c	
Print characters to order printer 13.	a	<input type="checkbox"/> (a+b+c) D <sub>16</sub>
Print characters to order printer 14.	b	
Print characters to order printer 15.	c	
Print characters to order printer 16.	No = 0 Yes = 1	<input type="checkbox"/> D <sub>15</sub>
Always "0000000"		<input type="checkbox"/> 0 ~ <input type="checkbox"/> 0 D <sub>14</sub> ~ D <sub>8</sub>
Allow mode change or clerk change after non-add registration as first transaction. (only for non-add function)	Yes = 0 No = 1	<input type="checkbox"/> D <sub>7</sub>
Order character record number (00 ~ 99): ("00" means no setting.)	Significant number	<input type="checkbox"/> <input type="checkbox"/> D <sub>6</sub> D <sub>5</sub>
Order printing color	Black = 0 Red = 1	<input type="checkbox"/> D <sub>4</sub>
Always "000"		<input type="checkbox"/> 0 <input type="checkbox"/> 0 <input type="checkbox"/> 0 D <sub>3</sub> D <sub>2</sub> D <sub>1</sub>



#### 4-3-7-18 Worksheet for number of customer

Description	Choice	Program code												
Input method: Allow replacement = 0, Prohibit replacement = 1, Add entered value = 2	Significant number	<input type="checkbox"/> D <sub>7</sub>												
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>D<sub>6</sub></td><td>D<sub>5</sub></td><td>D<sub>4</sub></td><td>D<sub>3</sub></td><td>D<sub>2</sub></td><td>D<sub>1</sub></td> </tr> </table>	0	0	0	0	0	0	D <sub>6</sub>	D <sub>5</sub>	D <sub>4</sub>	D <sub>3</sub>	D <sub>2</sub>	D <sub>1</sub>
0	0	0	0	0	0									
D <sub>6</sub>	D <sub>5</sub>	D <sub>4</sub>	D <sub>3</sub>	D <sub>2</sub>	D <sub>1</sub>									

#### 4-3-7-19 Worksheet for arrangement

Description	Choice	Program code
Enable operation in REG mode.	a Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D <sub>12</sub>
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 <sub>11</sub>
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 <sub>10</sub>
Enable operation in PGM5 mode.	b Yes = 0 No = 2	
Enable operation in PGM6 mode.	c Yes = 0 No = 4	
Enable operation in CF card mode	a Yes = 0 No = 2	<input type="checkbox"/> (a+b) D <sub>9</sub>
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 <sub>8</sub>
Enable operation in Manager mode.	b Yes = 0 No = 2	
Enable operation in Inline mode.	c Yes = 0 No = 4	
Arrangement file number	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D <sub>7</sub> D <sub>6</sub> D <sub>5</sub>
Arrangement table number	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D <sub>4</sub> D <sub>3</sub> D <sub>2</sub> D <sub>1</sub>

# Program 3

## 4-3-7-20 Worksheet for currency exchange

Description		Choice	Program code
Define amount symbol. (0 ~ 4) ("0" means no symbol is printed.)		Significant number	<input type="checkbox"/> D <sub>7</sub>
Define foreign currency totalizer. (1 ~ 3)		Significant number	<input type="checkbox"/> D <sub>6</sub>
Rounding: Round off = 0, cut off = 1, round up = 2		Significant number	<input type="checkbox"/> D <sub>5</sub>
Always "0"			<input type="checkbox"/> D <sub>4</sub>
Monetary mode (0 ~ 2): 0.00 = 2, 0.0 = 1, 0 = 0		Significant number	<input type="checkbox"/> D <sub>3</sub>
Monetary symbol for decimal	a	Decimal = 0 Comma = 1	<input type="checkbox"/> (a+b) D <sub>2</sub>
Monetary symbol for separator	b	Comma = 0 Decimal = 4	
Assigning drawer number (0 ~ 2) ("0" means drawer 1.)		Significant number	<input type="checkbox"/> D <sub>1</sub>

## 4-3-7-21 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 <sub>7</sub>
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 <sub>6</sub>
Always "0000"			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D <sub>5</sub> D <sub>4</sub> D <sub>3</sub> D <sub>2</sub>
Print Euro service total line.		Yes = 0 No = 1	<input type="checkbox"/> D <sub>1</sub>

## 4-3-7-22 Worksheet for tax status shift, taxable amount subtotal

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

### 4-3-7-23 Worksheet for open

Description	Choice	Program code												
Release high amount limit	No = 0 Yes = 1	<input type="checkbox"/> D <sub>7</sub>												
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>D<sub>6</sub></td><td>D<sub>5</sub></td><td>D<sub>4</sub></td><td>D<sub>3</sub></td><td>D<sub>2</sub></td><td>D<sub>1</sub></td> </tr> </table>	0	0	0	0	0	0	D <sub>6</sub>	D <sub>5</sub>	D <sub>4</sub>	D <sub>3</sub>	D <sub>2</sub>	D <sub>1</sub>
0	0	0	0	0	0									
D <sub>6</sub>	D <sub>5</sub>	D <sub>4</sub>	D <sub>3</sub>	D <sub>2</sub>	D <sub>1</sub>									

### 4-3-7-24 Worksheet for open 2

Description	Choice	Program code
Release number of customer entry compulsory.	a Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D <sub>7</sub>
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.)	Yes = 0 No = 1	<input type="checkbox"/> D <sub>6</sub>
Release validation compulsory.	a Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D <sub>5</sub>
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 <sub>4</sub>
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 <sub>3</sub>
Release seat number compulsory.	b Yes = 0 No = 4	
Release tip declaration compulsory.	a Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D <sub>2</sub>
Release eat-in / takeout compulsory.	b Yes = 0 No = 2	
Release customer credit limit.	c Yes = 0 No = 4	
Always "0"		<input type="checkbox"/> D <sub>1</sub>

# Program 3

## 4-3-7-25 Worksheet for clerk number

Description	Choice	Program code
Show clerk pop-up window, when no clerk number is programmed.	Yes = 0 No = 1	<input type="checkbox"/> D <sub>14</sub>
Always "00000"		<input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/> D <sub>13</sub> D <sub>12</sub> D <sub>11</sub> D <sub>10</sub> D <sub>9</sub>
Always "0000"		<input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/> D <sub>8</sub> D <sub>7</sub> D <sub>6</sub> D <sub>5</sub>
Clerk secret number (0000 ~ 9999) ("0000" means no secret number.)	Significant numbers	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> D <sub>4</sub> D <sub>3</sub> D <sub>2</sub> D <sub>1</sub>

## 4-3-7-26 Worksheet for operator X/Z

Description	Choice	Program code
① Issue stand-alone report./② Issue consolidation report.	a ① = 0 ② = 1	<input type="checkbox"/> (a+b) D <sub>7</sub>
① Print report./② Display report.	b ① = 0 ② = 2	
Always "000000"		<input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/> D <sub>6</sub> D <sub>5</sub> D <sub>4</sub> D <sub>3</sub> D <sub>2</sub> D <sub>1</sub>

## 4-3-7-27 Worksheet for subtotal, merchandise subtotal

Description	Choice	Program code
Multiple validation (If "No", only one validation printing is possible.)	Yes = 0 No = 4	<input type="checkbox"/> D <sub>11</sub>
Always "0000"		<input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/> D <sub>10</sub> D <sub>9</sub> D <sub>8</sub> D <sub>7</sub>
Display subtotal in Euro (sub currency) (ST only)	a No = 0 Yes = 1	<input type="checkbox"/> (a+b) D <sub>6</sub>
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	<input type="checkbox"/> (a+b) D <sub>5</sub>
Print when key is pressed.	b No = 0 Yes = 4	
Always "0000"		<input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/> D <sub>4</sub> D <sub>3</sub> D <sub>2</sub> D <sub>1</sub>

#### 4-3-7-28 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 <sub>1</sub>
Correct set menu/pulldown link while it is registered.	b No = 0 Yes = 2	

#### 4-3-7-29 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 <sub>6</sub>
Rounding: Round off = 0, cut off = 1, round up = 2	Significant number	<input type="checkbox"/> D <sub>5</sub>
Always "0000"		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D <sub>4</sub> D <sub>3</sub> D <sub>2</sub> D <sub>1</sub>

#### 4-3-7-30 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 <sub>11</sub>
Always "00000"		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D <sub>10</sub> D <sub>9</sub> D <sub>8</sub> D <sub>7</sub> D <sub>6</sub>
Always "00000"		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D <sub>5</sub> D <sub>4</sub> D <sub>3</sub> D <sub>2</sub> D <sub>1</sub>

#### 4-3-7-31 Worksheet for open check

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

#### 4-3-7-32 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 <sub>12</sub> D <sub>11</sub> D <sub>10</sub>
Record No. of linking pulldown menu group (3).	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D <sub>9</sub> D <sub>8</sub> D <sub>7</sub>
Record No. of linking pulldown menu group (2).	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D <sub>6</sub> D <sub>5</sub> D <sub>4</sub>
Record No. of linking pulldown menu group (1).	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D <sub>3</sub> D <sub>2</sub> D <sub>1</sub>

# Program 3

## 4-3-7-33 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 <sub>9</sub> D <sub>8</sub>
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 <sub>9</sub>
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 <sub>8</sub>
Other area: Exempt all = 00, Exempt tax 1 ~ 10 = 01 ~ 10	Significant numbers	<input type="text"/> <input type="text"/> D <sub>9</sub> D <sub>8</sub>
Always "00"		<input type="text" value="0"/> <input type="text" value="0"/> D <sub>7</sub> D <sub>6</sub>
Subtract add-in tax exempt amount from subtotal amount. *1	No = 0 Yes = 1	<input type="text"/> D <sub>5</sub>
Always "0000"		<input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/> D <sub>4</sub> D <sub>3</sub> D <sub>2</sub> D <sub>1</sub>

\*1 In case of selecting "Yes", commission ST should not include add-in tax)

## 4-3-7-34 Worksheet for clock-in/clock-out

Description	Choice	Program code
Key attribution: Clock in/ out = 0, Clock in = 1, Colock out = 2	Significant number	<input type="text"/> D <sub>2</sub>
Print receipt when clock-in or clock-out keys are pressed.	Yes = 0 No = 1	<input type="text"/> D <sub>1</sub>

## 4-3-7-35 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 <sub>2</sub>
Always "0"		<input type="text" value="0"/> D <sub>1</sub>

## 4-3-7-36 Worksheet for house Bon

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

#### 4-3-7-37 Worksheet for eat-in / takeout

Description		Choice	Program code
Color link file (file-906) record number (12 ~ 99) In case of 00 ~ 11, follow the value of the rec-3 of file-906		Significant numbers	<input type="text"/> <input type="text"/> D <sub>14</sub> D <sub>13</sub>
Always "000"			<input type="text"/> <input type="text"/> <input type="text"/> D <sub>12</sub> D <sub>11</sub> D <sub>10</sub>
U.S., Singapore: Exempt tax 1	a	Yes = 0 No = 1	<input type="text"/> <input type="text"/> (a+b+c) D <sub>9</sub> D <sub>8</sub>
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 <sub>9</sub>
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 <sub>8</sub>
Other area: Exempt all = 00, Exempt tax 1 ~ 10 = 01 ~ 10		Significant numbers	<input type="text"/> <input type="text"/> D <sub>9</sub> D <sub>8</sub>
Always "00"			<input type="text"/> <input type="text"/> D <sub>7</sub> D <sub>6</sub>
Subtract add-in tax exempt amount from subtotal amount.		No = 0 Yes = 1	<input type="text"/> (a+b) D <sub>5</sub>
Print receipt when the key is pressed.		No = 0 Yes = 4	
Always "000"			<input type="text"/> <input type="text"/> <input type="text"/> D <sub>4</sub> D <sub>3</sub> D <sub>2</sub>
Key attribution: Exempt tax = 0, Taxable status change = 1		Significant number	<input type="text"/> D <sub>1</sub>

#### 4-3-7-38 Worksheet for store

Description		Choice	Program code
Print barcode on receipt.		No = 0 Yes = 2	<input type="text"/> D <sub>10</sub>
Always "000"			<input type="text"/> <input type="text"/> <input type="text"/> D <sub>9</sub> D <sub>8</sub> D <sub>7</sub>
Print VAT breakdown.		No = 0 Yes = 1	<input type="text"/> D <sub>6</sub>
Print receipt.		Yes = 0 No = 2	<input type="text"/> D <sub>5</sub>
Tax calculation No = 0, Temporary = 1, Yes = 2		Significant number (0 ~ 2)	<input type="text"/> D <sub>4</sub>
Always "000"			<input type="text"/> <input type="text"/> <input type="text"/> D <sub>3</sub> D <sub>2</sub> D <sub>1</sub>

## Program 3

### 4-3-7-39 Worksheet for new check, new/old check

Description		Choice	Program code												
Use fullscreen check window. (Only effective for <NEW/OLD> key)	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b) D <sub>14</sub>												
Treat as <NB> key while depressing without check number. (Only effective for <NEW/OLD> key)	b	No = 0 Yes = 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>D<sub>13</sub></td><td>D<sub>12</sub></td><td>D<sub>11</sub></td><td>D<sub>10</sub></td><td>D<sub>9</sub></td><td>D<sub>8</sub></td> </tr> </table>	0	0	0	0	0	0	D <sub>13</sub>	D <sub>12</sub>	D <sub>11</sub>	D <sub>10</sub>	D <sub>9</sub>	D <sub>8</sub>
0	0	0	0	0	0										
D <sub>13</sub>	D <sub>12</sub>	D <sub>11</sub>	D <sub>10</sub>	D <sub>9</sub>	D <sub>8</sub>										
Enable auto new check assignment.		No = 0 Yes = 1	<input type="checkbox"/> D <sub>7</sub>												
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>D<sub>6</sub></td><td>D<sub>5</sub></td><td>D<sub>4</sub></td><td>D<sub>3</sub></td><td>D<sub>2</sub></td><td>D<sub>1</sub></td> </tr> </table>	0	0	0	0	0	0	D <sub>6</sub>	D <sub>5</sub>	D <sub>4</sub>	D <sub>3</sub>	D <sub>2</sub>	D <sub>1</sub>
0	0	0	0	0	0										
D <sub>6</sub>	D <sub>5</sub>	D <sub>4</sub>	D <sub>3</sub>	D <sub>2</sub>	D <sub>1</sub>										

### 4-3-7-40 Worksheet for round repeat

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

### 4-3-7-41 Worksheet for shift PLU

Description		Choice	Program code
Shift: Status = 1, Staydown = 0	a	Significant number	<input type="checkbox"/> (a+b+c) D <sub>3</sub>
Print key descriptor on receipt.	b	No = 0 Yes = 2	
Print key descriptor on order receipt. (This program is effective, only D <sub>3</sub> -b is set to "Yes".)	c	No = 0 Yes = 4	
Maintain key status after signing off.		No = 0 Yes = 1	<input type="checkbox"/> D <sub>2</sub>
Define assigning shift PLU sheet number. (0, 1 ~ 8) ("0" turns up a page by pressing shift PLU.)		Significant number	<input type="checkbox"/> D <sub>1</sub>

### 4-3-7-42 Worksheet for old check

Description		Choice	Program code
Enable to open the finalized check.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b) D <sub>1</sub>
Enable to issue guest receipt of finalized check only. (Disable to open finalized check.) (This program is effective for cashier and clerk)	b	No = 0 Yes = 2	



#### 4-3-7-43 Worksheet for split payment

Description	Choice	Program code
Maximum customer numbers for one split payment. ("00" means "99".)	Significant numbers	<input type="text"/> <input type="text"/> D <sub>2</sub> D <sub>1</sub>

#### 4-3-7-44 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="text"/> D <sub>1</sub>

#### 4-3-7-45 Worksheet for recall

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

#### 4-3-7-46 Worksheet for menu shift

Description	Choice	Program code
Default sheet No. while pressing the key. (00, 01 ~ 15) "0" means to assign the next sheet No.	Significant numbers	<input type="text"/> <input type="text"/> D <sub>8</sub> D <sub>7</sub>
Always "000000"		<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> D <sub>6</sub> D <sub>5</sub> D <sub>4</sub> D <sub>3</sub> D <sub>2</sub> D <sub>1</sub>

#### 4-3-7-47 Worksheet for refund, coupon 2

Description	Choice	Program code
Color link number (record No. of color link file: File-906) ("00 - 11" is treated as "03".)	Significant numbers	<input type="text"/> <input type="text"/> D <sub>14</sub> D <sub>13</sub>
Always "000000"		<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> D <sub>12</sub> D <sub>11</sub> D <sub>10</sub> D <sub>9</sub> D <sub>8</sub> D <sub>7</sub>
Always "000000"		<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> D <sub>6</sub> D <sub>5</sub> D <sub>4</sub> D <sub>3</sub> D <sub>2</sub> D <sub>1</sub>

## Program 3

### 4-3-7-48 Worksheet for coupon number

Description	Choice	Program code
Random code for coupon.	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D <sub>4</sub> D <sub>3</sub> D <sub>2</sub> D <sub>1</sub>

### 4-3-7-49 Worksheet for item search

Description	Choice	Program code
Color link number (record No. of color link file: File-906)	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D <sub>9</sub> D <sub>8</sub>
Always "0"		<input type="checkbox"/> 0 D <sub>7</sub>
Search by: alpha code = 0, pulldown group = 1 flat-PLU = 2	a Significant number	<input type="checkbox"/> D <sub>6</sub>
Entry method: Status = 0 / Stay down = 1 for pulldown group or flat-PLU	b Significant number	<input type="checkbox"/> D <sub>5</sub>
Search for: (scanning PLU = 1)	Significant number	<input type="checkbox"/> (a+b) D <sub>4</sub>
Show unit price.	No = 0 Yes = 2	
Search for: (Subdepartment link = 0, Department link = 1, Group link = 2)	Significant number	<input type="checkbox"/> D <sub>3</sub>
Objective record No. of above file (01 - 99) "00" searches the link except D <sub>3</sub> setting.	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D <sub>2</sub> D <sub>1</sub>

### 4-3-7-50 Worksheet for order character change

Description	Choice	Program code
Linking order character record No. (00 ~ 99)	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D <sub>6</sub> D <sub>5</sub>
Always "00"		<input type="checkbox"/> 0 <input type="checkbox"/> 0 D <sub>4</sub> D <sub>3</sub>
Shift: (until finalization) Status = 0, Staydown = 2	Significant number	<input type="checkbox"/> D <sub>2</sub>
Always "0"		<input type="checkbox"/> 0 D <sub>1</sub>

### 4-3-7-51 Worksheet for location change

Description	Choice	Program code
Check No. pop-up window. (Add-on new number type = 00, Show table layout type 01 ~ 19 = 01 ~ 19, Full screen type 01 ~ 03 = 21 ~ 23)	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D <sub>2</sub> D <sub>1</sub>

#### 4-3-7-52 Worksheet for declaration

Description		Choice	Program code
Enable operation in REG mode.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D <sub>9</sub>
Enable operation in REF mode.	b	Yes = 0 No = 2	
Enable operation in REG- mode.	c	Yes = 0 No = 4	
Always "0"			<input type="checkbox"/> D <sub>8</sub>
Reset declared total and difference in the fixed totalizer.		No = 0 Yes = 2	<input type="checkbox"/> D <sub>7</sub>
Always "000"			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D <sub>6</sub> D <sub>5</sub> D <sub>4</sub>
Always "000"			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D <sub>3</sub> D <sub>2</sub> D <sub>1</sub>

#### 4-3-7-53 Worksheet for price change

Description	Choice	Program code
Permanent price change	No = 0 Yes = 1	<input type="checkbox"/> D <sub>2</sub>
Always "0"		<input type="checkbox"/> D <sub>1</sub>

#### 4-3-7-54 Worksheet for customer ID number

Description	Choice	Program code
Show outstanding balance.	No = 0 Yes = 1	<input type="checkbox"/> D <sub>1</sub>

# Program 3

## 4-3-7-55 Worksheet for swipe

Description		Choice	Program code
Prohibit swiping magnetic card	a	No = 0 Yes = 2	<input type="checkbox"/> (a+b) D <sub>12</sub>
Activate key function by scanning OBR code.	b	No = 0 Yes = 4	
Check expire date.		No = 0 Yes = 2	<input type="checkbox"/> D <sub>11</sub>
Digit number of checking version number (1 ~ 9, 0: no checking)		Significant number	<input type="checkbox"/> D <sub>10</sub>
Start value of version number to compare		Significant number	<input type="checkbox"/> D <sub>9</sub>
End value of version number to compare		Significant number	<input type="checkbox"/> D <sub>8</sub>
Start digit number to transfer to activating key function		Significant number	<input type="checkbox"/> D <sub>7</sub>
Number of digits to transfer to activating key function		Significant number	<input type="checkbox"/> D <sub>6</sub>
Key function code		Significant numbers	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D <sub>5</sub> D <sub>4</sub> D <sub>3</sub>
Key function record number of transaction key file.		Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D <sub>2</sub> D <sub>1</sub>

Refer to 6-2-8. Programming amount or ratio to keys.

## 4-3-7-56 Worksheet for worktime

Description		Choice	Program code
Display worktime.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D <sub>3</sub>
Issue receipt while sign on/ off.	b	Yes = 0 No = 2	
Clock in/ out without entering check digit.	c	No = 0 Yes = 4	
Always "0"			<input type="checkbox"/> <b>0</b> D <sub>2</sub>
Key attribution: Clock in/ out = 0, Clock in = 1, Colock out = 2		Significant number	<input type="checkbox"/> D <sub>1</sub>

#### 4-3-7-57 Worksheet for function list

Description		Choice	Program code
Prohibit amount tender in the list functions.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b) D <sub>7</sub>
Display function list.	b	Yes = 0 No = 2	
Always "0"			<input type="checkbox"/> 0 D <sub>6</sub>
Free function start record number (01 ~ 99)		Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D <sub>5</sub> D <sub>4</sub>
Always "0"			<input type="checkbox"/> 0 D <sub>3</sub>
Free function end record number (01 ~ 99)		Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D <sub>2</sub> D <sub>1</sub>

## Program 3

### 4-3-8 Programming shift PLU program

Operation: <PGM3> → 3.Key Feature → 8.Shift PLU → \*Select item

Memory No.	1	
2nd Price	0.00	
Group Link	GROUP05	
Dept Link	DEPT01	
Sub-Dept Link	-----	
Negative Price	NO	
Zero Unit Price	NO	
Taxable status	Non Tax	
3rd Price	0.00	
4th Price	:	0.00
5th Price	:	0.00
6th Price	:	0.00
7th Price	:	0.00
8th Price	:	0.00
Zero Unit Price	:	NO
Taxable status	:	Non Tax

0 ~ 999999

Refer to the "PLU feature program P-78"

\* **Item selection: There are 4 methods to select items.**

**1. Select by cursor.**

**2. Press the appropriate PLU key directly.**

**3. Designate PLU record No. or random No.**

**4. Using character search:** You can search an item by its name.

Press <SEARCH> key, enter a few characters and press the <Enter> key.

The terminal searches the item includes these characters.

After character search, press <UP ARROW> / <DOWN ARROW> shows the next/previous candidate.

### 4-3-9 Programming PLU by Pulldown group

(Changing PLU program by pulldown group)

Operation: <PGM3> → 3.Key Feature → 9.Pulldown Group

→ Select Pulldown group

• Select List

• Select PLU

→ Program the item (refer to the section 4-3-1)

#### 4-3-10 Programming transaction key (free function)

This procedure is used for programming the key located in the list and on the keyboard.

**Operation: <PGM3> → 3.Key Feature → 10.Free Function**

Free Function			
001	0072	CLK#1	00000000000000000001
002	0072	CLK#2	00000000000000000002
003	0072	CLK#3	00000000000000000003
004	0072	CLK#4	00000000000000000004
005	0072	CLK#	00000000000000000000
006	0027	-	00000000000000000000
			:

Rec. No. / Function code / Key Descriptor / Parameter

1. Select the record you want to change the program (function code/descriptor/parameter).  
You can select the record directly or by pressing function key on the keyboard .
2. Select “Function code”, “Key descriptor” or “Parameter” field by <Arrow keys>.  
Or press the function key on the keyboard directly.
3. Programming to the record:
  - Free function field:  
You can enter function code and the <Yes> key. If you press the <Yes> key directly, the “Key Assign” screen (refer to the page P-24) is opened.
  - Key descriptor field:  
When you press the <Yes> key, the character programming keyboard (refer to the page P-126) is opened.
    - a. You can enter the character programmed to the transaction key file (character on receipt).
    - b. If the record is linked to the keyboard or a list, the character\* (actual keytop character and keytop character in a list window) can be set after step-a.
  - Parameter field:  
You can enter parameter and the <Yes> key. If you press the <Yes> key directly, the parameter programming screen of each function is opened.

## Program 3

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### 4-3-11 Programming free function list

This procedure is used for programming the key located in the function list.

**Operation:** <PGM3> → 3.Key Feature → 11.Free Function list

Free Function List	
0001-946	CASH
0002-946	
0003-946	
0004-946	
0005-946	
	:

Rec. No. / File No. / Key Descriptor

- You can designate the appropriate record before you depress the function key directly. Or, you can select an appropriate function by depressing <YES> key.
- If you want to delete the function, move the cursor on the record, and then press the <NO> key.

### 4-3-12 Programming additional PLU character

This procedure is used for programming additional PLU character.

**Operation:** <PGM3> → 3.Key Feature → 12.Additional PLU Character → \*Select item

Memory No.	1
Random / PLU code	123456
Descriptor	PLU0001 Additional
Replace PLU character	NO
Print on	Display/Rct/Order

Memory No. or Random code (within 6 digits)

Selection: Display, Receipt, Order, Display/Receipt, Display/Order, Receipt/Order, Display/Receipt/Order

\* **Item selection: There is 1 method to select items.**

**1. Select by cursor.**



### 4-3-13 Programming tare table

This procedure is used for programming tare table.

**Operation:** <PGM3> → 3.Key Feature → 13.Tare Table → Select tare

Memory No.	1	
Tare Description	TARE 01	— Tare description (within 16 characters)
Tare Weight	12.345	— Tare weight (0.000 ~ 99.999)

### 4-3-14 Programming additional item program

This procedure is used for programming time item.

**Operation:** <PGM3> → 3.Key Feature → 14.Additional item Program → \*Select item

Memory No.	1	
Item is Timeitem	NO	— Time item / normal item
Interval (Minutes)	0	— Interval (00 ~ 99 minutes)
Change Price After (Interval)	0	— No. of Interval for the first price change
New Interval Price	0.00	— First changing price (0.00 ~ 9999.99)
Change Price After (Interval)	0	— No. of Interval for the second price change
New Interval Price	0.00	— Second changing price (0.00 ~ 9999.99)
Use Last Interval Price	NO	
Color for Timeitem	0	— Color code (refer to 4-1-21)

\* **Item selection: There are 4 methods to select items.**

**1. Select by cursor.**

**2. Press the appropriate PLU key directly.**

**3. Designate PLU record No. or random No.**

**4. Using character search:** You can search an item by its name.

Press <SEARCH> key, enter a few characters and press the <Enter> key.

The terminal searches the item includes these characters.

After character search, press <UP ARROW> / <DOWN ARROW> shows the next/previous candidate.

## **Program 3**

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## 4-4 Scanning system

### 4-4-1 Programming direct maintenance

Operation: <PGM3> → 4.Scanning system → 1.Direct maintenance → Scan item (code <OBR>)

PLU code	49177008>>>>>	PL=1	
Descriptor	Scan PLU001	—	0 ~ 16 characters
Price	0.00	—	0 ~ 999999
Group Link	-----		
Dept Link	-----	—	Max. 99 department
Sub-Dept Link	-----		
Taxable status	Non Tax	—	Refer to department section.
Scan Mix&Match	-----		
Negative Price	NO		
Zero Unit Price	NO		
Open PLU	NO	—	Non PLU item should be programmed as “OPEN PLU”.
Item Follows Department	NO		
Complusory Multiply	NO		
Not Allowed Multiplication	NO		

### 4-4-2 Programming batch maintenance

Operation: <PGM3> → 4.Scanning system → 2.Batch maintenance → Scan item

PLU code	49177008>>>>>	PL=1	
Delete/Change	Change	—	Add/ change = “Change”, Delete = “Delete”
Descriptor	Scan PLU001	—	0 ~ 16 characters
Price	0.00	—	0 ~ 999999
Group Link	-----		
Dept Link	-----	—	Max. 99 department
Sub-Dept Link	-----		
Taxable status	Non Tax	—	Refer to department section.
Scan Mix&Match	-----		
Negative Price	NO		
Zero Unit Price	NO		
Open PLU	NO	—	Non PLU item should be programmed as “OPEN PLU”.
Item Follows Department	NO		
Complusory Multiply	NO		
Not Allowed Multiplication	NO		

Refer to 3-3-18. Executing batch maintenance file of the reference manual.

## Program 3

### 4-4-3 Programming multi EAN file

Operation: <PGM3> → 4.Scanning system → 3.Multi EAN file → Select record  
→ Scan item (code <OBR>)

Multi EAN File		
0001-075	490333306936 49143157>>>>	Record-#/ File-#/ Parent item code/ Link item code
0002-075	000000000000 000000000000	
0003-075	000000000000 000000000000	

### 4-4-4 Programming NLU (number look up) file

Operation: <PGM3> → 4.Scanning system → 4.NLU file → Scan item (code <OBR>)  
→ Press the appropriate key

After assigning the key, you can enter the key top character.  
\* Allocate <NLU> key, before this program.

### 4-4-5 Programming Non PLU table

Operation: <PGM3> → 4.Scanning system → 5.Non PLU table → Select record

Memory No.	1	
EAN Type	EAN-13	Selection "EAN-13/ Weight EAN"
Incl. Price Check Digit	NO	Include/ exclude price check digit
Price x 10	NO	
No. of Digit for Price/Weight	0	1 ~ 7 digits
No. of Digit for PLU Number	0	1 ~ 7 digits
No. of Digit for Flag Code	0	2 ~ 3 digits
Flag Code	0	001 ~ 999

### 4-4-6 Programming scan mix & match

Operation: <PGM3> → 4.Scanning system → 6.Scan Mix & match → Select record

Memory No.	1	
Descriptor	Mix & match	Maximum 16 characters
Mix & Match Type	Cyclic	Selection "Cyclic/ Continuous"
Amount/ % / Item	Minus	Selection "Minus/ % Minus/ Free item"
Amount/Rate	0.00	1 ~ 6 digits
Discount Quantity (0 ~ 99)	0	1 ~ 2 digits
Taxable Status	Non Tax	See department section.
Prepared Tax Status(Canada)	YES	
Free Item	000000000000	Free item code

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# Program 2

## 5. Program 2

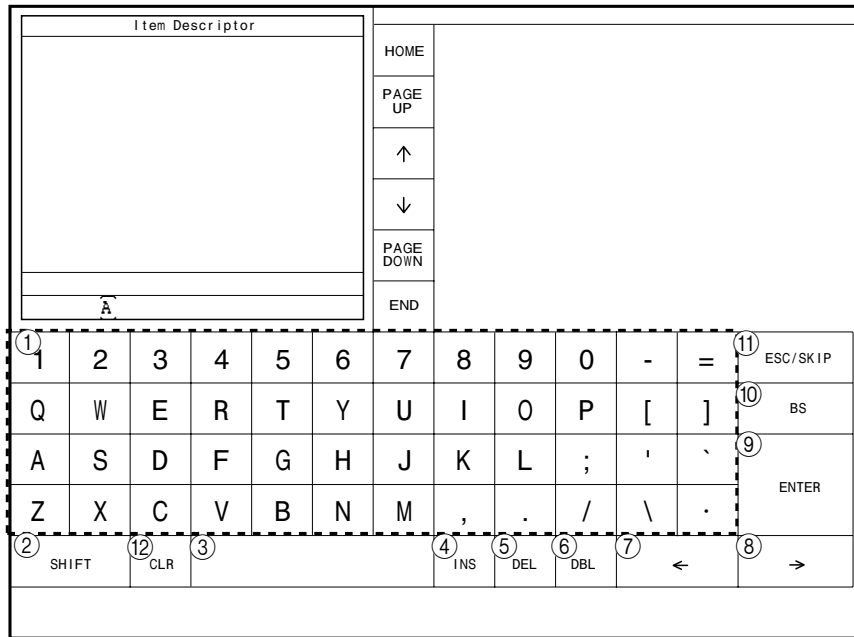
### 5-1. Character programming

In case of entering characters, the keyboard becomes the character programming keyboard. To use this keyboard, you can program item descriptor, clerk name, message etc.

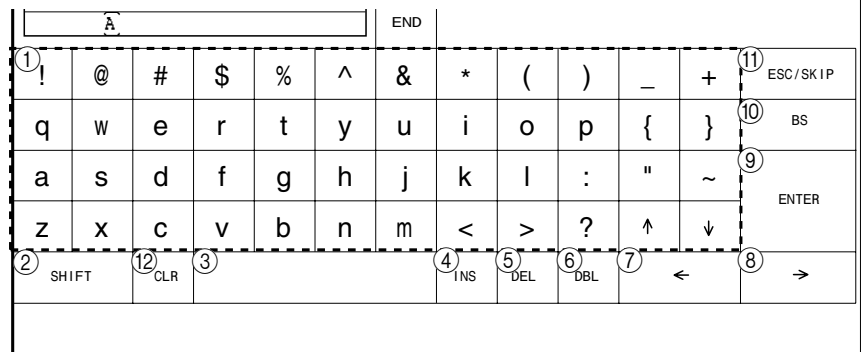
#### 5-1-1 Character programming keyboard

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

##### SHIFT1-case



##### SHIFT2-case



**① Alphabet keys**

Press these keys to input characters.

**② Shift key**

Press this key to shift the following characters from SHIFT1-case, SHIFT2-case, SHIFT3-case, SHIFT-4-case and returns to the SHIFT1-case letter in sequence.

**③ Space key**

Press this key to set a space.

**④ Insert key**

Press this key to put one space between the original characters.

**⑤ Delete key**

Press this key to clear the designated character.

**⑥ Double size letter key**

Press this key to specify that the next character you input to a double size character.

**⑦ 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.

**⑧ 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.

**Example:**

Input “ **A** p p l e J u i c e ”,  
 enter DBL A SHIFT DBL p p l e SPACE SHIFT SHIFT SHIFT J SHIFT u i c e ENTER

**SHIFT3-case**

Item Descriptor											HOME						
											PAGE UP						
											↑						
											↓						
											PAGE DOWN						
											END						
1	Â	Ô	Ù	Î	Ê	Ç	Þ	Ø	£	×	f	¿	11	ESC/SKIP			
	Á	Ó	Ú	Í	É	À	Ã		ª	º	¥	¡	10	BS			
	À	Ò	Ù	Ì	È	Æ	Ý		ð	Ð	ß	±	9	ENTER			
	Ä	Ö	Ü	Ï	Ë	Ñ	Õ	«	»	€	<	>					
2	SHIFT	12	CLR	3				4	INS	5	DEL	6	DBL	7	←	8	→

**SHIFT4-case**

Item Descriptor											END						
1	ã	ó	ú	î	ê	ç	þ	ø					11	ESC/SKIP			
	á	ó	ú	í	é	ã	ã	ÿ					10	BS			
	à	ò	ù	ì	è	æ	ý		¬	½	¼		9	ENTER			
	ä	ö	ü	ï	ë	ñ	õ	ç	α	'	-						
2	SHIFT	12	CLR	3				4	INS	5	DEL	6	DBL	7	←	8	→







- ⑨ **Enter 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 **Clear key**  
 Press this key to clear all input characters.

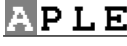






## Program 2








### 5-1-2 Editing characters

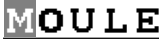






#### Correcting a character just entered

OPERATION	DISPLAY
“L” “E” “N” “O” “N”    ⇐ Enter LENON, instead of LEMON.	
   ⇐ Press left arrow key three times.	
“M”    ⇐ Enter “M”.	

#### Correcting and adding/deleting an item descriptor already set

OPERATION	DISPLAY
Designate the item.	
  ⇐ Press right arrow key two times.	
 ⇐ Press <INS> (insert) key.	
“P”    ⇐ Enter “P”.	

OPERATION	DISPLAY
Designate the item.	
   ⇐ Press right arrow key three times.	
 ⇐ Press <DEL> (delete) key.	

OPERATION	DISPLAY
Designate the item.	
   ⇐ Press right arrow key three times.	
 ⇐ Press <BS> (backspace) key.	

### 5-1-3 After completing to input characters

After completion of inputting characters, it is necessary to press the <ENTER> key when you assign these characters.



## 5-2. Programming item descriptors

### 5-2-1 Programming PLU item descriptors

Operation: <PGM2> → 1.Item Descriptor → 1.PLU → Select item †

No.	Descriptor
1	PLU0001
2	PLU0002
3	PLU0003
4	PLU0004
5	PLU0005
6	PLU0006
7	PLU0007
8	PLU0008
9	PLU0009
	:

0 ~ 24 characters

When you press the <Yes> key, the character programming keyboard (refer to the page P-126) is opened.

- You can enter the character programmed to the PLU file (character on receipt).
- If the item is linked to the keyboard or a list, the character (actual keytop character and keytop character in a list window) can be set after step-a.

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

Operation: <PGM2> → 1.Item Descriptor → 2.PLU 2nd@ → Select item †

No.	Descriptor
1	PLU0001
2	PLU0002
3	PLU0003
4	PLU0004
5	PLU0005
6	PLU0006
7	PLU0007
8	PLU0008
9	PLU0009
	:

0 ~ 24 characters

You can enter the character programmed to the PLU 2nd @ file (item name on receipt).

† **Item selection: There are 4 methods to select items.**

**1. Select by cursor.**

**2. Press the appropriate PLU key directly.**

**3. Designate PLU record No. or random No.**

**4. Using character search:** You can search an item by its name.

Press <. (decimal point)> key, enter a few characters and press the <ENTER> key.

The terminal searches the item begins with these characters.

After character search, press <UP ARROW> / <DOWN ARROW> shows the next/previous candidate.

### 5-2-3 Programming subdepartment descriptors

Operation: <PGM2> → 1.Item Descriptor → 3.Sub-Department → Select item

No.	Descriptor
1	SUBDEPT01
2	SUBDEPT02
3	SUBDEPT03
4	SUBDEPT04
5	SUBDEPT05
6	SUBDEPT06
7	SUBDEPT07
8	SUBDEPT08
9	SUBDEPT09
	:

0 ~ 16 characters

When you press the <Yes> key, the character programming keyboard (refer to the page P-126) is opened.

- You can enter the character programmed to the sub-department file (character on receipt).
- If the item is linked to the keyboard or a list, the character (actual keytop character and keytop character in a list window) can be set after step-a.

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### 5-2-4 Programming department descriptors

Operation: <PGM2> → 1.Item Descriptor → 4.Department → Select item

No.	Descriptor
1	DEPT01
2	DEPT02
3	DEPT03
4	DEPT04
5	DEPT05
6	DEPT06
7	DEPT07
8	DEPT08
9	DEPT09
	:

0 ~ 16 characters

When you press the <Yes> key, the character programming keyboard (refer to the page P-126) is opened.

- a. You can enter the character programmed to the department file (character on receipt).
- b. If the item is linked to the keyboard or a list, the character (actual keytop character and keytop character in a list window) can be set after step-a.

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

Operation: <PGM2> → 1.Item Descriptor → 5.Range

→ Select job (PLU / PLU 2nd@ / Subdepartment / Department)

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

0 ~ 24 characters (0 ~ 16 for Subdept. and Dept.)

Start range ("0" means the first record.)

End range ("0" means the last record.)

### 5-2-6 Copying PLU descriptors to PLU 2nd

Operation: <PGM2> → 1.Item Descriptor → 6.PLU -> 2nd@ Copy

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

Start range ("0" means the first record.)

End range ("0" means the last record.)

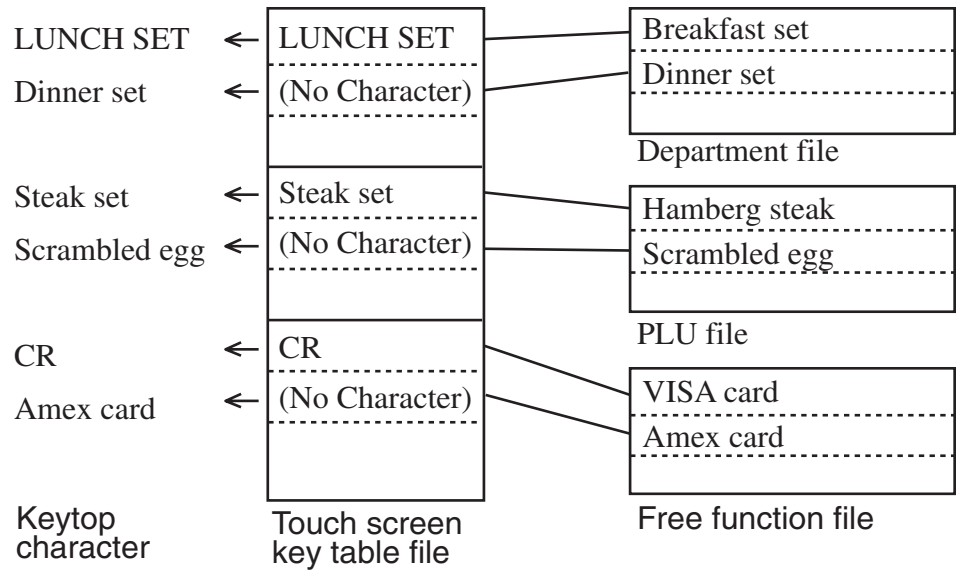
### 5-2-7 Programming function key descriptors

Operation: <PGM2> → 1.Item Descriptor → 7.Char & Press Key

→ Enter descriptor → Press the appropriate key on the keyboard

**Note**

This program changes the characters that is set in the totalizer file (such as PLU, department, free function). Also, to improve the keytop character layout, you can set keytop character in the key allocation (in Program 4 mode) program. If the keytop character is set, the key character is not displayed on the keytop.



**5-2-8 Programming PLU descriptors by pulldown group**

**Operation:** <PGM2> → 1.Item Descriptor → 8.Pulldown Group  
→ **Select Pulldown Group**

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

0 ~ 24 characters

# Program 2

## 5-3. Programming characters and messages

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

Operation: <PGM2> → 2.Char & Message → 1.Receipt/SLIP Msg

Receipt/SLIP Msg	
0001-032 (Receipt Logo)	YOUR RECEIPT
0003-032 (Receipt Logo)	THANK YOU
0005-032 (Receipt Logo)	CALL AGAIN
0007-032 (Receipt Logo)	:
0095-032 (E-Journal copy receipt)	**** COPY RECEIPT ****

Record No. / File No. (description)  
0 ~ 40 characters

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

\* Even number records are not used.

### 5-3-2 Programming text recall message

Operation: <PGM2> → 2.Char & Message → 2.Text Recall

Text Recall	
0001-039	***** Text Recall 1st rec. *****
0002-039	***** Text Recall 2nd rec. *****
0003-039	***** Text Recall 3rd rec. *****
0004-039	***** Text Recall 4th rec. *****
0005-039	***** Text Recall 5th rec. *****
	:

Record No. / File No.  
0 ~ 40 characters

### 5-3-3 Programming order character link

Operation: <PGM2> → 2.Char & Message → 3.Order Char Link

Order Char Link	
0001-065	Order Character 1
0002-065	Order Character 2
0003-065	Order Character 3
0004-065	Order Character 4
0005-065	Order Character 5
	:

Record No. / File No.  
0 - 16 characters

### 5-3-4 Programming fixed totalizer descriptors

Operation: <PGM2> → 2.Char & Message → 4.Fixed Totalizer

Fixed Totalizer
0001-001
GROSS
0002-001
NET
0003-001

— Record No. / File No.  
— 0 ~ 16 characters

Rec No.	Message	Rec No.	Message
001	Gross sales total	043	Start consecutive No. (Philippine)
002	Net sales total	044	End consecutive No. (Philippine)
003	Cash in drawer	045	Last GT 1(Philippine)
004	Cash declared amount	046	Last GT 2 (Philippine)
005	Declared short cash amount	047	Last GT 3 (Philippine)
006	Declared over cash amount	048 ~ 049	Not used
007	Charge in drawer	050	Taxable amount 1
008	Charge declared amount	051	Tax 1
009	Declared short charge amount	052	Tax exempt 1
010	Declared over charge amount	053	Taxable amount 2
011	Check in drawer	054	Tax 2
012	Check declared amount	055	Tax exempt 2
013	Declared short check amount	056	Taxable amount 3
014	Declared over check amount	057	Tax 3
015	Credit in drawer	058	Tax exempt 3
016	Credit declared amount	059	Taxable amount 4
017	Declared short credit amount	060	Tax 4
018	Declared over credit amount	061	Tax exempt 4
019	Food stamp in drawer	062	Taxable amount 5
020	Food stamp cash change	063	Tax 5
021	EBT in drawer	064	Tax exempt 5
022	EBT cash change	065	Taxable amount 6
023	Refund mode total	066	Tax 6
024	Customer count	067	Tax exempt 6
025	Average sales per customer	068	Taxable amount 7
026	Check cashing service fee	069	Tax 7
027	New Balance fee	070	Tax exempt 7
028	Not used	071	Taxable amount 8
029	Clerk commission 1 total	072	Tax 8
030	Clerk commission 2 total	073	Tax exempt 8
031	Foreign currency cash in drawer 1	074	Taxable amount 9
032	Foreign currency check in drawer 1	075	Tax 9
033	Foreign currency cash in drawer 2	076	Tax exempt 9
034	Foreign currency check in drawer 2	077	Taxable amount 10
035	Foreign currency cash in drawer 3	078	Tax 10
036	Foreign currency check in drawer 3	079	Tax exempt 10
037	Reduction	080	Euro cash in drawer
038	Item return	081	Euro charge in drawer
039	Clear counter	082	Euro check in drawer
040	Not used	083	Euro credit in drawer
041	Rounding	084	Coupon total
042	ST transfer void	085	Money declaration counter

### 5-3-5 Programming group character

Operation: <PGM2> → 2.Char & Message → 5.Group Character

Group Character
0001-006
GROUP01
0002-006
GROUP02
0003-006
GROUP03
0004-006
GROUP04
0005-006
GROUP05
:

— Record No. / File No.  
— 0 ~ 16 characters

# Program 2

## 5-3-6 Programming special characters

Operation: <PGM2> → 2.Char & Message → 6.Special Character

Special Character
0001-023
· @No / *
:

Record No. / File No.

See below.

† n: Program mode number (1 ~ 6)

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 T/S1, T/S2, T/S3, T/S4, T/S5 (3 each)	T1 T2 T3 T4 T5
005	Taxable symbol 2 T/S12, T/S13, T/S14, T/S23 (3 each), Food stamp symbol (1)	T12T13T14 T23F
006	Taxable symbol 3 T/S123, T/S1~4, T/S1~5, Non tax (3 each)	T1
007	Foreign currency × 4 (2 each), Selective item symbol × 3 (1 each), Center dot in X/Z, RF(1)	* * * *
008	Mode symbol 1 (4 each)	REG RFR-MGR
009	Mode symbol 2 (4 each)	Pn X/Z †
010	Not used (4), Mode symbol 3 (4)	TRG BILL
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), Weight (2)	CHECK No. KG
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 each)	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	PIECES
049	Open check report dummy check descriptor (16)	CUSTOMER
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
060~062	not used	
63	Scale (12), not used(4)	MANUAL ENTRYCaps
064 ~ 066	not used	
067	Guest receipt header message (16)	
068 ~ 070	not used	
071	Invoice No. (16)	Invoice/No.
072	not used	
073	Customer No. (16)	CUST No.
074	Previous balance for customer (16)	BALANCE
075	Discount amount for customer (16)	DISCOUNT
076	Customer phone No. (16)	PHONE No.
077	Customer paid total (16)	FINALIZED GT
078	Customer accumulated discount total (16)	DISCOUNT GT
079 ~ 099	not used	

### 5-3-7 Programming report headers

Operation: <PGM2> → 2.Char & Message → 7.Report Header

Report Header
0001-024 FIXED TTL
0002-024 FREE FUNCTION
0003-024 SUB DEPT
0004-024 PLU
0005-024 DEPT
:

Record No. / File No.  
See below.

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	JOURNAL
017	Time & Attendance	EMPLOYEE
018	Hourly labor	HOURLY LABOR
019	Hourly item	HOURLY PRODUCT
020	Mix & Match	MIX&MATCH
021	IDC (1) reset	IDC(1) Clear
022	IDC (2) reset	IDC(2) Clear
023	IDC (3) reset	IDC(3) Clear
024 ~ 030	not used	
031	Simple time & attendance	TIME ATTENDANCE
032	not used	
033 ~ 038	Batch report 1 ~ 6	BATCH REPORT 1 ~ 6
039	Customer group	CUSTOMER GP
040	Customer open check	CUSTOMER
041 ~ 044	Batch report 7 ~ 10	BATCH REPORT 7 ~ 10
045	Not found PLU	NFP
046	Scanning PLU	Scan PLU
047	not used	
048	Scan Mix & match	Scan MIX&MATCH
049	Scan PLU by GP/DP/SDP	SALES REPORT
050	Scan PLU zero sales	ZERO SALES
051	Scan PLU top amount 50	TOP 50 AMOUNT
052	Scan PLU top q'ty 50	TOP 50 QUANTITY
053	Scan PLU inactive	INACTIVE DAYS
054	Scan PLU stock	STOCK REPORT
055	Scan PLU out of stock	REORDER REPORT

### 5-3-8 Programming endorsement message

Operation: <PGM2> → 2.Char & Message → 8.Endorse Message

Endorse Message
0001-033 ***** Endorse Message 1st line *****
0002-033 ***** Endorse Message 2nd line *****
0003-033 ***** Endorse Message 3rd line *****
0004-033 ***** Endorse Message 4th line *****

Record No. / File No.  
0 ~ 40 characters

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### 5-3-9 Programming GT character

Operation: <PGM2> → 2.Char & Message → 9.GT Character

GT Character	
0001-020	Record No. / File No.
GT1	0 ~ 16 characters
0002-020	
GT2	
0003-020	
GT3	

### 5-3-10 Programming customer title

Operation: <PGM2> → 2.Char & Message → 10.Customer Title

Customer Title	
0001-123	Record No. / File No.
Mr	0 ~ 8 characters
0002-123	
Mrs	
0003-123	
Miss	
	:
0009-123	
Ms.	

### 5-3-11 Programming menu title

Operation: <PGM2> → 2.Char & Message → 11.Menu Title

Menu Title	
0001-085	Record No. / File No.
Menu 1	See the next page.
0002-085	
Menu 2	
0003-085	
Menu 3	
	:
0050-085	



Rec No.	Contents	Descriptor
001	Menu shift 1 (in menu level display)	Menu shift 1
002	Menu shift 2 (in menu level display)	Menu shift 2
003	Menu shift 3 (in menu level display)	Menu shift 3
004	Menu shift 4 (in menu level display)	Menu shift 4
005	Menu shift 5 (in menu level display)	Menu shift 5
006	Menu shift 6 (in menu level display)	Menu shift 6
007	Menu shift 7 (in menu level display)	Menu shift 7
008	Menu shift 8 (in menu level display)	Menu shift 8
009	Menu shift 9 (in menu level display)	Menu shift 9
010	Menu shift 10 (in menu level display)	Menu shift 10
011	Menu shift 11 (in menu level display)	Menu shift 11
012	Menu shift 12 (in menu level display)	Menu shift 12
013	Menu shift 13 (in menu level display)	Menu shift 13
014	Menu shift 14 (in menu level display)	Menu shift 14
015	Menu shift 15 (in menu level display)	Menu shift 15
016	Shift PLU 1 (in menu level display)	
017	Shift PLU 2 (in menu level display)	Shift PLU 2
018	Shift PLU 3 (in menu level display)	Shift PLU 3
019	Shift PLU 4 (in menu level display)	Shift PLU 4
020	Shift PLU 5 (in menu level display)	Shift PLU 5
021	Shift PLU 6 (in menu level display)	Shift PLU 6
022	Shift PLU 7 (in menu level display)	Shift PLU 7
023	Shift PLU 8 (in menu level display)	Shift PLU 8
024	PLU 1st @ (in menu level display)	
025	PLU 2nd @ (in menu level display)	2nd@
026	Title of add-on new No. type check window	Select Check/Table number
027	Title of table layout type check window 1	Table area 1
028	Title of table layout type check window 2	Table area 2
029	Title of table layout type check window 3	Table area 3
030	Title of table layout type check window 4	Table area 4
031	Title of table layout type check window 5	Table area 5
032	Title of table layout type check window 6	Table area 6
033	Title of table layout type check window 7	Table area 7
034	Title of table layout type check window 8	Table area 8
035	Title of table layout type check window 9	Table area 9
036	Title of clerk window 1	Clerk window 1
037	Title of clerk window 2	Clerk window 2
038	Title of clerk window 3	Clerk window 3
039	Title of clerk window 4	Clerk window 4
040	Title of clerk window 5	Clerk window 5
041	Title of clerk window 6	Clerk window 6
042	Title of clerk window 7	Clerk window 7
043	Title of clerk window 8	Clerk window 8
044	Title of clerk window 9	Clerk window 9
045	Title of mode window	Select mode
046-050	not used	
051	Title of table layout type check window 10	Table area 10
052	Title of table layout type check window 11	Table area 11
053	Title of table layout type check window 12	Table area 12
054	Title of table layout type check window 13	Table area 13
055	Title of table layout type check window 14	Table area 14
056	Title of table layout type check window 15	Table area 15
057	Title of table layout type check window 16	Table area 16
058	Title of table layout type check window 17	Table area 17
059	Title of table layout type check window 18	Table area 18
060	Title of table layout type check window 19	Table area 19

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### 5-3-12 Programming sign off reasons

Operation: <PGM2> → 2.Char & Message → 12.Sign off Reasons

Sign off Reasons	Record No. / File No.
0001-944 END OF SHIFT	
0002-944 UNWELL	
0003-944 :	

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<b>6. Program 1 .....</b>	<b>P-140</b>
6-1. Presetting date and time .....	P-140
6-2. Programming unit price and rate .....	P-140
6-2-1 Programming PLU unit price .....	P-140
6-2-2 Programming PLU 2nd unit price .....	P-140
6-2-3 Programming PLU unit price and PLU 2nd unit price .....	P-141
6-2-4 Programming subdepartment unit price .....	P-141
6-2-5 Programming department unit price .....	P-141
6-2-6 Programming PLU / PLU 2nd@ / subdepartment / department unit price by range .....	P-142
6-2-7 Copying PLU unit price to PLU 2nd unit price .....	P-142
6-2-8 Programming amount or rate to keys .....	P-142
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# Program 1

---

## 6. Program 1

### 6-1. Presetting date and time

**Presetting time:** <PGM1> → Enter Hour and minute (ten sec.) → Press <X>

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:** <PGM1> → Enter Year, month and day → Press <X>

Enter the current date in six digits (year, month, day order) and press the <X> key.

### 6-2. Programming unit price and rate

#### 6-2-1 Programming PLU unit price

**Operation:** <PGM1> → 1.Unit Price/Qty → 1.PLU → \*Select item

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
	:	

0 ~ 999999

#### 6-2-2 Programming PLU 2nd unit price

**Operation:** <PGM1> → 1.Unit Price/Qty → 2.PLU 2nd@ → \*Select item → Select field

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
	:		

Quantity: 0.00 ~ 9999.99 / Price: 0 ~ 999999

### 6-2-3 Programming PLU unit price and PLU 2nd unit price

Operation: <PGM1> → 1.Unit Price/Qty → 3.PLU & PLU 2nd@ → \*Select item  
→ Select field

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
	:		

Price: 0 ~ 999999

Quantity: 0.00 ~ 9999.99 / Price: 0 ~ 999999 (2nd@)

\* Item selection: There are 4 methods to select items.

1. Select by cursor.

2. Press the appropriate PLU key directly.

3. Designate PLU record No. or random No.

4. Using character search: You can search an item by its name.

Press <SEARCH> key, enter a few characters and press the <ENTER> key.

The terminal searches the item includes these characters.

After character search, press <UP ARROW> / <DOWN ARROW> shows the next/  
previous candidate.

### 6-2-4 Programming subdepartment unit price

Operation: <PGM1> → 1.Unit Price/Qty → 4.Sub-Department → Select item

No.	Descriptor	Price
1	SUBDEPT01	@10.00
2	SUBDEPT02	@20.00
3	SUBDEPT03	@30.00
4	SUBDEPT04	@40.00
	:	

Price: 0 ~ 999999

### 6-2-5 Programming department unit price

Operation: <PGM1> → 1.Unit Price/Qty → 5.Department → Select item

No.	Descriptor	Price
1	DEPT01	@10.00
2	DEPT02	@20.00
3	DEPT03	@30.00
4	DEPT04	@40.00
	:	

Price: 0 ~ 999999

# Program 1

## 6-2-6 Programming PLU / PLU 2nd@ / subdepartment / department unit price by range

Operation: <PGM1> → 1.Unit Price/Qty → 6.Range

→ Select job (PLU / PLU 2nd@ / Subdepartment / Department / PLU-DEPT-PGM\*)

\* This procedure contains PLU programming in PGM 3, so please refer to the appropriate sections.

Unit Price/Qty			
Qty	0.00		0.00 ~ 9999.99 (only for PLU 2nd@)
Price	@0.00		0 ~ 999999
Enter	Start range	0	Start range ("0" means the first record.)
	End range	0	End range ("0" means the last record.)
OK?		YES	

## 6-2-7 Copying PLU unit price to PLU 2nd unit price

Operation: <PGM1> → 1.Unit Price/Qty → 7.PLU -> 2nd@ Copy

Unit Price/Qty			
PLU -> 2nd@ Copy			
Enter	Start range	0	Start range ("0" means the first record.)
	End range	0	End range ("0" means the last record.)
OK?		YES	

## 6-2-8 Programming amount or rate to keys

Operation: <PGM1> → 1.Unit Price/Qty → 8.AMT / Rate to Key

- Function keys (CA, CHK, NB, +, -, CPN, %+, %-, CE)  
Enter the unit price or rate and press the corresponding key.
- Function key (SWIPE)  
Checking the read code is OK/ NG.  
Programming value =  $D_6D_5D_4D_3D_2D_1$ ;  
 $D_1 = 1$ : The read code begins with  $D_2$ , the code is OK.  
 $D_1 = 2$ : The read code begins with  $D_3D_2$ , the code is OK.  
 $D_1 = 3$ : The read code begins with  $D_4D_3D_2$ , the code is OK.  
 $D_1 = 4$ : The read code begins with  $D_5D_4D_3D_2$ , the code is OK.  
 $D_1 = 5$ : The read code begins with  $D_6D_5D_4D_3D_2$ , the code is OK.
- 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.
- 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.

## 6-2-9 Programming unit price of shift PLU

Operation: <PGM1> → 1.Unit Price/Qty → 9.Shift PLU

→ Select price level → \*Select item

No.	Descriptor	Price
1	PLU0001	@10.00
2	PLU0002	@20.00
3	PLU0003	@30.00
4	PLU0004	@40.00
	:	

0 ~ 999999

\* Item selection: There are 4 methods to select items.

1. Select by cursor.

2. Press the appropriate PLU key directly.

3. Designate PLU record No. or random No.

4. Using character search: You can search an item by its name.

Press <SEARCH> key, enter a few characters and press the <ENTER> key.

The terminal searches the item includes these characters.

After character search, press <UP ARROW> / <DOWN ARROW> shows the next/previous candidate.

## 6-2-10 Programming unit price of pulldown group

Operation: <PGM1> → 1.Unit Price/Qty → 10.Pulldown Group → Select List

No.	Descriptor	Price
1	PLU0001	@12.34
	Seat Number	00000000
	Cancel	00000000
	ADD CHK	00000000
	-	00000000
	VAT	00000000
	%-	00000000
	:	

Key descriptor / Parameter

### Parameters:

- Function keys (CA, CHK, NB, +, -, CPN)  
Enter the unit price. (0 ~ 999999)
- Function keys (%+, %- , CE)  
Enter the rate without decimal point and add two zeros.  
(100 ~ 999900; 0.01 ~ 99.99%)





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# Program 6

## 7. Program 6

### 7-1. Program read general procedure

Operation: <PGM6> → Select job

→ Select kind (if necessary) → Specify range (if necessary)

#### Program 6 mode Hierarchy

Program 6	Program read report	Unit price & quantity	PLU unit price
			PLU 2nd @
			Subdepartment unit price
			Department unit price
			Function key rate/price
		Item descriptor	PLU
			PLU 2nd @
			Subdepartment
			Department
			Function key
		Character & message	Receipt/slip message
			Text recall
			Order character link
			Fixed totalizer character
			Group character
			Special character
			Report header
			Endorse message
			GT character
			Customer title
			Menu title
			Sign off Reason
			Pulldown group
			Set menu table
			Arrangement
		Machine feature	Batch X/Z
			General feature
			Scheduler
			Check print
			Table analysis
			Tax table
			Void table
			System connection
I/O parameter			
Printer connection			
Time zone			
Time & attendance			
Hourly item link			
Mix & match			
IDC link			
Euro (Sub currency)			
Auto program control			
Screen color			
Check window			
Customer group			
CF X/Z conversion table			
Color theme			
Color definition			
TCP/IP			
FTP Login Password			
FTP Server Name			
FTP Trans File			
PC keyboard			
Clerk	Clerk feature		
	Clerk detail		
	Clerk key ID		
	Clerk window		
Key feature	PLU feature		
	PLU 2nd @ feature		
	Subdepartment feature		
	Department feature		
	Function key feature		
	Scanning PLU file		
Additional PLU character			
Keyboard			
Memory allocation			

## 7-2. Program read report sample

### 7-2-1 Unit price / quantity

#### 7-2-1-1. PLU unit price

PLU0001	0001-004	PLU descriptor / Record No. / File No.
	@12.34	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	2	0001-054	PLU 2nd descriptor / Record No. / File No.
		@23.45	Unit quantity / 2nd unit Price
PLU0002	1	0002-054	
		@10.00	
PLU0003	0	0003-054	
		@2.00	

#### 7-2-1-3. Subdepartment

SUBDEPT01	0001-003	Subdepartment descriptor / Record No. / File No.
	@1.00	Unit Price
SUBDEPT02	0002-003	
	@2.00	
SUBDEPT03	0003-003	
	@3.34	

#### 7-2-1-4. Department

DEPT01	0001-005	Department descriptor / Record No. / File No.
	@12.34	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	

# Program 6

---

## 7-2-2 Item descriptor

### 7-2-2-1. PLU

PLU0001	0001-004	PLU descriptor / Record No. / File No.
PLU0002	0002-004	

### 7-2-2-2. PLU 2nd unit price

PLU0001	0001-054	PLU 2nd descriptor / Record No. / File No.
PLU0002	0002-054	

### 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 RECEIPT	Record No. / File No.
0002-032		Receipt message *
0003-032	YOUR RECEIPT	
	:	

\* Receipt message : Refer to page 132 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 133 in PGM 2 mode.

### 7-2-3-5. Group character

GROUP01	0001-006	— Group character / Record No. / File No.
GROUP02	0002-006	

### 7-2-3-6. 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 134 in PGM 2 mode.

### 7-2-3-7. Report header

FIXED TTL	0001-024	— Report header * / Record No. / File No.
FREE FUNCTION	0002-024	
SUB DEPT	0003-024	
EMPLOYEE	0017-024	

\* Report header: Refer to page 135 in PGM 2 mode.

### 7-2-3-8. Endorse message

0001-033	— Record No. / File No.
ENDORSE MESSAGE 1	— Endorse message
0002-033	
ENDORSE MESSAGE 2	
0003-033	
ENDORSE MESSAGE 3	

### 7-2-3-9. GT character

GT1	0001-020	— GT character / Record No. / File No.
GT2	0002-020	
GT3	0003-020	

### 7-2-3-10. Customer title

Mr.	0001-123	— Customer title character / Record No. / File No.
Mrs.	0002-123	

### 7-2-3-11. Menu title

0001-085	— Record No. / File No.
Menu shift 1	— Menu title
0002-085	

\* Menu title: Refer to page 137 in PGM 2 mode.

# Program 6

## 7-2-3-12. Sign off reason

END OF SHIFT	0001-944	Sign off reason / Record No. / File No.
UNWELL	0002-944	
:		

## 7-2-4 Machine feature

### 7-2-4-1. Pulldown group

LIST01	0001-026	List title / Record No. / File No.
	0000000000 000000	0000 (not used) / D <sub>12</sub> ~D <sub>7</sub> / 000000 (not used)
0101-004 PLU0101		Link PLU record No. / File No. / Descriptor
010000 C0FFEE		Key color link / Bitmap link / Key text
0102-004 PLU0102		
0200 ICE TEA		
:		
:		

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 <sub>12</sub>
Minimum number of stay down Status = 0 The number of stay down = 1 ~ 8, No limit = 9	Significant numbers	<input type="checkbox"/> D <sub>11</sub>
Color link for window: ("00" is treated as "01".) The record No. of the keyboard color definition file.	Significant number (00 - 99)	<input type="checkbox"/> <input type="checkbox"/> D <sub>10</sub> D <sub>9</sub>
Key shape: Rectangular = 00, 10, Circular = 50	Significant number	<input type="checkbox"/> <input type="checkbox"/> D <sub>8</sub> D <sub>7</sub>

### 7-2-4-2. Set menu table

```

0001-028
      0001-004 PLU0001
      0002-054 PLU0002
      0003-004 PLU0003
0002-028
0003-028
      :
      :
    
```

Record No. / File No.  
 Link PLU, PLU 2nd@, Pulldown group  
 Record No. / File No. / Descriptor

### 7-2-4-3. Arrangement

```

0001-038 :S0001
0002-038 (500)
      :
      :
    
```

Record No. / File No. / Parameter

### 7-2-4-4. Batch X/Z

```

0001-029          001112151700000000
0002-029          101112151700000000
0003-029          011112151700000000
      :
      :
    
```

Record No. / File No. / Parameter \*

\* Parameter: Refer to the worksheet of batch X/Z on page 34 in PGM 3 mode.

### 7-2-4-5. General feature

```

0001-022          220000000000
0002-022          000000000000
0003-022          000000000000
0004-022          000000000000
0005-022          000000002002
0006-022          00000000200
      :
      :
0043-022          000000000000
0044-022          000000000000
    
```

Record No. / File No. / Parameter \*

\*  
\*  
\*  
\*  
\*  
\*  
\*  
\*

\* 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="text"/> D <sub>12</sub>
Monetary mode: 0 = 0, 0.0 = 1, 0.00 = 2, 0.000 = 3	Significant number (0 ~ 3)	<input type="text"/> D <sub>11</sub>
Always "00000"		<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> D <sub>10</sub> D <sub>9</sub> D <sub>8</sub> D <sub>7</sub> D <sub>6</sub>
Always "00000"		<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> D <sub>5</sub> D <sub>4</sub> D <sub>3</sub> D <sub>2</sub> D <sub>1</sub>

# Program 6

## Record 0002-022 (not used)

## Record 0003-022

Description		Choice	Program code
Reset consecutive number after daily fixed totalizer reset report is issued.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b) D <sub>8</sub>
Reset invoice number after daily fixed totalizer reset report is issued.	b	No = 0 Yes = 2	
Always "0"			<input type="checkbox"/> 0 D <sub>7</sub>
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 <sub>6</sub> D <sub>5</sub> D <sub>4</sub> D <sub>3</sub> D <sub>2</sub> D <sub>1</sub>

## Record 0004-022

Description		Choice	Program code
Add customer counter when the number of customer is registered.	a	No = 0 Yes = 2	<input type="checkbox"/> (a+b) D <sub>12</sub>
Phillipino GT system	b	No = 0 Yes = 4	
Food stamp system: Payable = 0, Illinois rule = 1, New Jersey rule = 2		Significant number (0 ~ 2)	<input type="checkbox"/> D <sub>11</sub>
Rounding: No rounding = 0, IF1 = 1, IF2 = 2, Denmark = 3, Norway = 4, Singapore = 5 Australia = 6, Finland = 7, South Africa = 8, Other roundings = 9		Significant number (0 ~ 8, 9)	<input type="checkbox"/> D <sub>10</sub>
Tax system: SINGLE TAX (1 ~ 10) = 0, U.S. = 1, Canada = 2, Singapore = 3		Significant number (0 ~ 3)	<input type="checkbox"/> D <sub>9</sub>
Always "0"			<input type="checkbox"/> D <sub>8</sub>
Allow amount tender in REF / REG- mode operation.	a	Yes = 0 No = 2	<input type="checkbox"/> (a+b) D <sub>7</sub>
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 <sub>6</sub>
Always "0"			<input type="checkbox"/> 0 D <sub>5</sub>
High amount limit specification for money in drawer amount. (Sentinel function)		Maximum value (0 ~ 9)	<input type="checkbox"/> <input type="checkbox"/> D <sub>4</sub> D <sub>3</sub>
		Number of zeros (0 ~ 9)	
Always "0"			<input type="checkbox"/> 0 D <sub>2</sub>
Other roundings: New Zealand (A) = 0, New Zealand (B) = 1, Malaysia = 2 (D <sub>10</sub> must be set to "9")		Significant number (0 ~ 2)	<input type="checkbox"/> D <sub>1</sub>

Rounding: refer to 4-1-5-1.



**Record 0005-022**

Description		Choice	Program code
Issue double receipt, when the total amount is zero or negative.		No = 0 Yes = 1	<input type="checkbox"/> D <sub>12</sub>
Always issue a receipt.		No = 0 Yes = 1	<input type="checkbox"/> D <sub>11</sub>
Print total line during finalization.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D <sub>10</sub>
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	
Always "0"			<input type="checkbox"/> D <sub>9</sub>
Breakdown set menu printing. (Receipt, slip, guest receipt and display)		No = 0 Yes = 4	<input type="checkbox"/> D <sub>8</sub>
Eliminate the quantity "1" of a child item.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b) D <sub>7</sub>
Issue guest receipt instead of issuing receipt.	b	No = 0 Yes = 2	
Always "00"			<input type="checkbox"/> <input type="checkbox"/> D <sub>6</sub> D <sub>5</sub>
Print number of item sold.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D <sub>4</sub>
Print tax symbols.	b	Yes = 0 No = 2	
Print finalization of single item receipt.	c	Yes = 0 No = 4	
Always "0"			<input type="checkbox"/> D <sub>3</sub>
Print PLU No. on guest receipt.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D <sub>2</sub>
Print number of customers on header by double sized character.	b	No = 0 Yes = 2	
Print unit price in multiplication registration on receipt.	c	No = 0 Yes = 4	
Print clear key operation.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D <sub>1</sub>
Print number of customer 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 <sub>12</sub>
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 <sub>11</sub>
Force to declare the money in drawer. (Inline X/Z)	a	No = 0 Yes = 2	<input type="checkbox"/> (a+b) D <sub>10</sub>
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 <sub>9</sub>
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 <sub>8</sub>
Exclude add-on and add-in tax in net total.	b	No = 0 Yes = 2	
Include commission in net total.		Yes = 0 No = 2	<input type="checkbox"/> D <sub>7</sub>
Sounds key confirmation tone.	a	Yes = 0 No = 2	<input type="checkbox"/> (a+b) D <sub>6</sub>
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 <sub>5</sub>
Prohibit registration when the stock quantity becomes negative.	a	No = 0 Yes = 2	<input type="checkbox"/> (a+b) D <sub>4</sub>
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 <sub>3</sub>
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.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b) D <sub>2</sub>
Department numbering: Use memory No. (Sequential) = 0, Use random code = 4	b	Significant number	
Allow numeric entry while compulsory drawer opening.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b) D <sub>1</sub>
PLU numbering: Use memory No. (Sequential) = 0, Use random code = 4	b	Significant number	

**Record 0007-022**

Description	Choice	Program code
Print "1" when the item quantity is "1".	Yes = 0 No = 2	<input type="checkbox"/> D <sub>12</sub>
Number of receipt feed lines without receipt cut. (0 ~ 7)	Significant number	<input type="checkbox"/> D <sub>11</sub>
Use department discount field as stock quantity.	a	No = 0 Yes = 1
Allow <NB> after partial tender.	b	No = 0 Yes = 2
Calculate commission 1 as flat amount.	a	No = 0 Yes = 1
Calculate commission 2 as flat amount.	b	No = 0 Yes = 2
Use decimals for working time on the employee report.	c	No = 0 Yes = 4
Finalization prohibited, when the total is zero.	a	No = 0 Yes = 1
Reset customer transaction, while Open Check reset.	b	No = 0 Yes = 2
Prohibit customer/ customer group reset.	c	No = 0 Yes = 4
Print corrected item on order.	a	No = 0 Yes = 1
Tip amount accumulates to the 1st server.	b	No = 0 Yes = 2
Allow rollup condiment unit price.	No = 0 Yes = 1	<input type="checkbox"/> D <sub>6</sub>
Always "0"		<input type="checkbox"/> D <sub>5</sub>
Print finalized checks on Open Check report.	Yes = 0 No = 1	<input type="checkbox"/> D <sub>4</sub>
Always "000"		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D <sub>3</sub> D <sub>2</sub> D <sub>1</sub>

# Program 6

Record 0008-022

Description		Choice	Program code
Print gross total.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D <sub>12</sub>
Print net total.	b	Yes = 0 No = 2	
Print cash in drawer.	c	Yes = 0 No = 4	
Print cash in drawer difference.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D <sub>11</sub>
Print charge in drawer.	b	Yes = 0 No = 2	
Print charge in drawer difference.	c	Yes = 0 No = 4	
Print check in drawer.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D <sub>10</sub>
Print check in drawer difference.	b	Yes = 0 No = 2	
Print credit in drawer.	c	Yes = 0 No = 4	
Print credit in drawer difference.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D <sub>9</sub>
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 <sub>8</sub>
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 <sub>7</sub>
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 <sub>6</sub>
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 <sub>5</sub>
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 <sub>4</sub>
Print refund total.	b	Yes = 0 No = 2	
Print clear counter.	c	Yes = 0 No = 4	
Print rounding total.	a	Yes = 0 No = 2	<input type="checkbox"/> (a+b) D <sub>3</sub>
Print TA + TAX total instead of printing tax exempt.	b	No = 0 Yes = 4	
Always "00"			<input type="checkbox"/> <input type="checkbox"/> D <sub>2</sub> D <sub>1</sub>

**Record 0009-022**

Description		Choice	Program code
Print taxable amount 1.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D <sub>12</sub>
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 <sub>11</sub>
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 <sub>10</sub>
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 <sub>9</sub>
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 <sub>8</sub>
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 <sub>7</sub>
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 <sub>6</sub>
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 <sub>5</sub>
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 <sub>4</sub>
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 <sub>3</sub>
Print tax 10.	b	Yes = 0 No = 2	
Print tax exempt 10.	c	Yes = 0 No = 4	
Always "00"			<input type="checkbox"/> <input type="checkbox"/> D <sub>2</sub> D <sub>1</sub>

# Program 6

## Record 0010-022

Description	Choice	Program code
Print taxable amount 1.	a Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D <sub>12</sub>
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 <sub>11</sub>
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 <sub>10</sub>
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 <sub>9</sub>
Always "000"		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D <sub>8</sub> D <sub>7</sub> D <sub>6</sub>
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 <sub>5</sub>
Ignore compulsory drawer sensor.	b No = 0 Yes = 2	
Till timer (00 ~ 59 minutes)	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D <sub>4</sub> D <sub>3</sub>
Till timer (00 ~ 59 seconds)	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D <sub>2</sub> D <sub>1</sub>

## Record 0011-022

Description	Choice	Program code
Require zeroing scale.	No = 0 Yes = 1	<input type="checkbox"/> D <sub>11</sub>
Scale registration printing format. (Australian = 2)	Significant number	<input type="checkbox"/> D <sub>10</sub>
Always "000000000"		<input type="checkbox"/> ~ <input type="checkbox"/> D <sub>9</sub> ~ D <sub>1</sub>

## 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 <sub>6</sub>
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 <sub>5</sub>
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 "00"			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D <sub>4</sub> D <sub>3</sub> D <sub>2</sub>
Print the average of the monthly report.		Yes = 0 No = 1	<input type="checkbox"/> D <sub>1</sub>

## Record 0013-022

Description		Choice	Program code
Broadcast the program data after completion of a program.		No = 0 Yes = 1	<input type="checkbox"/> D <sub>12</sub>
Always "000"			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D <sub>11</sub> D <sub>10</sub> D <sub>9</sub>
Print Z collection / consolidation result.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D <sub>8</sub>
Reset 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	
Allow inline master operation.		Yes = 0 No = 4	<input type="checkbox"/> D <sub>7</sub>
Issue consolidation file reset report of the master terminal before Z collection/consolidation.		Yes = 0 No = 4	<input type="checkbox"/> D <sub>6</sub>
Source file selection: ① Terminal file, ② Consolidation file	a	① = 0 ② = 1	<input type="checkbox"/> (a+b) D <sub>5</sub>
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 <sub>4</sub> D <sub>3</sub> D <sub>2</sub> D <sub>1</sub>

# Program 6

## Record 0014-022

Description		Choice	Program code												
Display fixed totalizer read report.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D <sub>12</sub>												
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 <sub>11</sub>												
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 <sub>10</sub>												
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+c) D <sub>9</sub>												
Display mix & match read report.	b	No = 0 Yes = 2													
Display electronic journal read report.	c	No = 0 Yes = 4													
Display hourly item read report.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D <sub>8</sub>												
Display employee read report.	b	No = 0 Yes = 2													
Display hourly / labor read report.	c	No = 0 Yes = 4													
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>D<sub>7</sub></td><td>D<sub>6</sub></td><td>D<sub>5</sub></td><td>D<sub>4</sub></td><td>D<sub>3</sub></td><td>D<sub>2</sub></td> </tr> </table>	0	0	0	0	0	0	D <sub>7</sub>	D <sub>6</sub>	D <sub>5</sub>	D <sub>4</sub>	D <sub>3</sub>	D <sub>2</sub>
0	0	0	0	0	0										
D <sub>7</sub>	D <sub>6</sub>	D <sub>5</sub>	D <sub>4</sub>	D <sub>3</sub>	D <sub>2</sub>										
Display employee activity read report.	a	No = 0 Yes = 2	<input type="checkbox"/> (a+b) D <sub>1</sub>												
Display financial report.	b	No = 0 Yes = 4													

\* In case of selecting "YES" (Display report), no report is issued (printed out).



**Record 0015-022**

Description		Choice	Program code
Zero-skip department / subdepartment report.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b) D <sub>12</sub>
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 <sub>11</sub>
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 <sub>10</sub>
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+c) D <sub>9</sub>
Zero-skip hourly labor report.	b	Yes = 0 No = 2	
Zero-skip mix & match report.	c	Yes = 0 No = 4	
Zero-skip shift PLU.		Yes = 0 No = 1	<input type="checkbox"/> D <sub>8</sub>
Always "0"			<input type="checkbox"/> 0 D <sub>7</sub>
OPEN CHECK Z report compulsory	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b) D <sub>6</sub>
Print start/ end invoice number on fixed total report.	b	No = 0 Yes = 2	
Prohibit "OPEN CHECK Z".	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D <sub>5</sub>
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 <sub>4</sub>
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+c) D <sub>3</sub>
Cut file by file of batch report.	b	No = 0 Yes = 2	
Reset stock after batch reset report.	c	Yes = 0 No = 4	
Print reset counter.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D <sub>2</sub>
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	
With character of X/Z sending data	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b) D <sub>1</sub>
With random code of X/Z sending data	b	No = 0 Yes = 2	

# Program 6

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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 <sub>8</sub> D <sub>7</sub> D <sub>6</sub> D <sub>5</sub>
Interval time of hourly report (00 ~ 59 minutes): ("0000" means 01:00.)		
Start time of hourly report (00 ~ 23 hours)	Significant number	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> D <sub>4</sub> D <sub>3</sub> D <sub>2</sub> D <sub>1</sub>
Start time of hourly report (00 ~ 59 minutes)		

**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 <sub>10</sub>
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 <sub>9</sub>
Print double-height characters.	b	No = 0 Yes = 2	
Classify registered items by group in receipt.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D <sub>8</sub>
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+c) D <sub>7</sub>
Print total line in classified item printing.	b	Yes = 0 No = 2	
Classify registered items by order character in receipt.	c	No = 0 Yes = 4	
Rounding of commission: Round off = 0, cut off = 1, round up = 2		Significant number	<input type="checkbox"/> D <sub>6</sub>
Append two zeros in unit price programming.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D <sub>5</sub>
Capture the details of guest receipt copy in electronic journal.	b	No = 0 Yes = 2	
Skip the consecutive No. of the journal / electronic journal.	c	No = 0 Yes = 4	
Print date on receipt.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D <sub>4</sub>
Print date on journal.	b	Yes = 0 No = 2	
Print consecutive number on receipt.	c	Yes = 0 No = 4	
Print time on receipt.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D <sub>3</sub>
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 <sub>2</sub>
Always "0"			<input type="checkbox"/> D <sub>1</sub>

# Program 6

Record 0018-022

Description		Choice	Program code
Maximum printing lines of slip (00 ~ 99)		Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D <sub>10</sub> D <sub>9</sub>
Classify registered items by group on slip & guest receipt.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D <sub>8</sub>
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 guest receipt header message.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D <sub>7</sub>
Print total line in classified item printing format.	b	Yes = 0 No = 2	
Classify registered items by order character on slip & guest receipt.	c	No = 0 Yes = 4	
Print TA and TAX amount after total amount.		No = 0 Yes = 1	<input type="checkbox"/> D <sub>6</sub>
Slip back feed after slip printing. *	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D <sub>5</sub>
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 <sub>4</sub>
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 <sub>3</sub>
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 <sub>2</sub> D <sub>1</sub>

\* These programs are only effective for SP-1300.

### Record 0019-022

Description	Choice	Program code
Record operations in training mode on journal / electronic journal.	Yes = 0 No = 2	<input type="checkbox"/> D <sub>2</sub>
Alert electronic journal memory near-end / full error.	Yes = 0 No = 1	<input type="checkbox"/> D <sub>1</sub>

### Record 0020-022

Description	Choice	Program code
Print receipt logo message.	a No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D <sub>12</sub>
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 <sub>11</sub>
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 <sub>10</sub>
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) D <sub>9</sub>
Print logo message on X/Z report.	b No = 0 Yes = 2	
Always "0000"		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D <sub>8</sub> D <sub>7</sub> D <sub>6</sub> D <sub>5</sub>
Always "0000"		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D <sub>4</sub> D <sub>3</sub> D <sub>2</sub> D <sub>1</sub>

# Program 6

Record 0021-022

Description		Choice	Program code
Print order with order character.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b) D <sub>12</sub>
Print order with amount.	b	No = 0 Yes = 2	
Print double bon message.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b) D <sub>11</sub>
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 <sub>10</sub>
Always "0"			<input type="checkbox"/> 0 D <sub>9</sub>
Print order number.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D <sub>8</sub>
Reverse print order number.	b	No = 0 Yes = 2	
Print order in vertically double sized letter.	c	No = 0 Yes = 4	
Send drawer signal to printer (for kitchen bell)	a	No = 0 Yes = 2	<input type="checkbox"/> (a+b) D <sub>7</sub>
Cut while printing with order character.	b	No = 0 Yes = 4	
Print order logo.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D <sub>6</sub>
Print order text 1.	b	No = 0 Yes = 2	
Print order text 2.	c	No = 0 Yes = 4	
Reverse print check number line.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D <sub>5</sub>
Print item quantity separately.	b	No = 0 Yes = 2	
Print condiment/ preparation in double sized letter (= 4) Or normal sized letter (= 0).	c	Significant number	
Cut order.	a	No = 0 Yes = 2	<input type="checkbox"/> (a+b) D <sub>4</sub>
Print hypens.	b	No = 0 Yes = 4	
Output orders during training.	a	No = 0 Yes = 2	<input type="checkbox"/> (a+b) D <sub>3</sub>
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 <sub>2</sub>
No. of feed lines after order cutting. (0 ~ 9)		Significant number	<input type="checkbox"/> D <sub>1</sub>

### Record 0022-022

Description	Choice	Program code
Centering key top character.	No = 0 Yes = 4	<input type="checkbox"/> D <sub>5</sub>
Always "00"		<input type="checkbox"/> <input type="checkbox"/> D <sub>4</sub> D <sub>3</sub>
Send finalize category total to Hotel server.	a No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D <sub>2</sub>
Update category total when Cash/ Cheque/ Credit is registered.	b No = 0 Yes = 2	
Update category total when room charge.	c No = 0 Yes = 4	
Always "0"		<input type="checkbox"/> D <sub>1</sub>

### Record 0023-022

Description	Choice	Program code
Print "TAX INVOICE" on receipts.	a No = 0 Yes = 1	<input type="checkbox"/> (a+b) D <sub>12</sub>
Print rounding amount on receipts.	b No = 0 Yes = 4	
Always "000000000000"		<input type="checkbox"/> ~ <input type="checkbox"/> D <sub>11</sub> ~ D <sub>1</sub>

### 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 <sub>12</sub>
Always "0000"		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D <sub>11</sub> D <sub>10</sub> D <sub>9</sub> D <sub>8</sub>
Default SWIPE record. (Set <SWIPE> key record No.)	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D <sub>7</sub> D <sub>6</sub>
Always "000"		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D <sub>5</sub> D <sub>4</sub> D <sub>3</sub>
Restriction (to 0, 5) on last digit for RC, PD, LOAN, PICK UP, DEPOSIT.	No = 0 Yes = 4	<input type="checkbox"/> D <sub>2</sub>
Swipe has precedence.	a No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D <sub>1</sub>
Count set menu items.	b No = 0 Yes = 2	
Indent condiments on kitchen printer.	c No = 0 Yes = 4	

### Record 0025-022

Description	Choice	Program code
Print preparation on receipts.	a Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D <sub>2</sub>
Calculate detail item prices in set menu. (If "No", calculate only quantity and stock.)	b Yes = 0 No = 2	
Print preparation on PLU X/Z report.	c Yes = 0 No = 4	
Set menu / Pulldown link type: Fast food = 1, Fine dining quantity = 2	Significant number	<input type="checkbox"/> D <sub>1</sub>

# Program 6

Record 0026-022

Description		Choice	Program code
Keytops in check No. pop-up window: Subtotal = 0, Clerk = 1, Times from the last order = 2, Times from open = 3		Significant number (0 ~ 3)	<input type="checkbox"/> D <sub>12</sub>
Print check number line in vertically double sized letter on receipt/ guest receipt.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D <sub>11</sub>
Reverse print check number line.	b	No = 0 Yes = 2	
Issue check number automatically in single separate.	c	No = 0 Yes = 4	
Enable "Table sharing"	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D <sub>10</sub>
Enable "Multi separate"	b	No = 0 Yes = 2	
Transfer table by card swiping.	c	No = 0 Yes = 4	
Check tracking method: ① Check No., ② Table No.	a	① = 0 ② = 1	<input type="checkbox"/> (a+b+c) D <sub>9</sub>
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	
Zero new balance is treated as cash sale.		No = 0 Yes = 1	<input type="checkbox"/> D <sub>8</sub>
Print previous balance, when registering old check.		Yes = 0 No = 2	<input type="checkbox"/> D <sub>7</sub>
Always "00"			<input type="checkbox"/> <input type="checkbox"/> D <sub>6</sub> D <sub>5</sub>
Print invoice No. for clerk interrupt.	a	No = 0 Yes = 2	<input type="checkbox"/> (a+b) D <sub>4</sub>
Print invoice No. for check tracking.	b	No = 0 Yes = 4	
Ignore check number leading zeros.	a	No = 0 Yes = 2	<input type="checkbox"/> (a+b) D <sub>3</sub>
Merge the same department / subdepartment / PLU registration in old check. (Item consolidation)	b	No = 0 Yes = 4	
Display detail items of the previous check when registering <OLD CHK>.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D <sub>2</sub>
Item consolidation when registering <SEP CHK>	b	No = 0 Yes = 2	
Compulsory check No. for registering order item.	c	No = 0 Yes = 4	
Capture item data.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b) D <sub>1</sub>
Compulsory guest receipt for registering order item.	b	No = 0 Yes = 4	



**Record 0027-022**

Description		Choice	Program code
Enable clerk interrupt.		No = 0 Yes = 1	<input type="checkbox"/> D <sub>12</sub>
Use i-Button key.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b) D <sub>11</sub>
Enable to sign-on a clerk who has no check number.	b	No = 0 Yes = 4	
Show clerk pop-up window while sign-off.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D <sub>10</sub>
Use clerk dynamic window.	b	No = 0 Yes = 2	
Broadcast clerk information whenever it changes. (Effective only selecting "Use clerk dynamic window")	c	No = 0 Yes = 4	
Default clerk pop-up window number. ("0" is treated as "1".)		Significant number (0 ~ 9)	<input type="checkbox"/> D <sub>9</sub>
Issue order while clerk interrupt.		No = 0 Yes = 1	<input type="checkbox"/> D <sub>8</sub>
Always "00000"			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D <sub>7</sub> D <sub>6</sub> D <sub>5</sub> D <sub>4</sub> D <sub>3</sub>
Auto sign-off timer: (00 ~ 99 seconds, "00" means no auto sign-off)		Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D <sub>2</sub> D <sub>1</sub>

**Record 0028-022**

Description		Choice	Program code
Touch screen color theme: User define = 0, Theme 1 = 1, Theme 2 = 2		Significant number	<input type="checkbox"/> D <sub>12</sub>
Function key style: With bar = 0, Without bar = 1	a	Significant number	<input type="checkbox"/> (a+b) D <sub>11</sub>
Clear screen when receipt is issued.	b	No = 0 Yes = 4	
Display screen logo after signing off.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b) D <sub>10</sub>
Use video system.	b	No = 0 Yes = 2	
Always "000"			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D <sub>9</sub> D <sub>8</sub> D <sub>7</sub>
Always "0000"			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D <sub>6</sub> D <sub>5</sub> D <sub>4</sub> D <sub>3</sub>
Back light off timer (00 ~ 59 minutes, "00" means never turn off.)		Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D <sub>2</sub> D <sub>1</sub>

**Record 0029-022 (not used)**

# Program 6

## Record 0030-022

Description	Choice	Program code
Printer type of order printer 1: Normal KP = 0, Ticket = 2	Significant number	<input type="checkbox"/> D <sub>10</sub>
Printer type of order printer 2: Normal KP = 0, Ticket = 2	Significant number	<input type="checkbox"/> D <sub>9</sub>
Printer type of order printer 3: Normal KP = 0, Ticket = 2	Significant number	<input type="checkbox"/> D <sub>8</sub>
Printer type of order printer 4: Normal KP = 0, Ticket = 2	Significant number	<input type="checkbox"/> D <sub>7</sub>
Printer type of order printer 5: Normal KP = 0, Ticket = 2	Significant number	<input type="checkbox"/> D <sub>6</sub>
Printer type of order printer 6: Normal KP = 0, Ticket = 2	Significant number	<input type="checkbox"/> D <sub>5</sub>
Printer type of order printer 7: Normal KP = 0, Ticket = 2	Significant number	<input type="checkbox"/> D <sub>4</sub>
Printer type of order printer 8: Normal KP = 0, Ticket = 2	Significant number	<input type="checkbox"/> D <sub>3</sub>
Printer type of order printer 9: Normal KP = 0, Ticket = 2	Significant number	<input type="checkbox"/> D <sub>2</sub>
Printer type of order printer 10: Normal KP = 0, Ticket = 2	Significant number	<input type="checkbox"/> D <sub>1</sub>

## 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 <sub>12</sub>
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 <sub>11</sub> D <sub>10</sub> D <sub>9</sub> D <sub>8</sub> D <sub>7</sub> D <sub>6</sub>
Always "00000"		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D <sub>5</sub> D <sub>4</sub> D <sub>3</sub> D <sub>2</sub> D <sub>1</sub>

Record 0032-022 (not used)

Record 0033-022(not used)

Record 0034-022 (not used)

### 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 <sub>12</sub> D <sub>11</sub> D <sub>10</sub> D <sub>9</sub>	
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 <sub>8</sub> D <sub>7</sub> D <sub>6</sub> D <sub>5</sub>	
Weekly work time (00 ~ 59 minutes)			
Allow EMPLOYEE Z even if employee are not clocked-out.	a	<input type="text"/> (a+b+c) D <sub>4</sub>	
Use Weekly / Bi-weekly	b		No = 0 Yes = 1
Enable clerk to sign on only after clock-in	c		Weekly = 0 Bi-weekly = 2
Start day of the week: Monday = 0, Tuesday = 1, Wednesday = 2 Thursday = 3, Friday = 4, Saturday = 5, Sunday = 6	Significant number	<input type="text"/> D <sub>3</sub>	
Recognize break time as work time	No = 0 Yes = 1	<input type="text"/> D <sub>2</sub>	
Rounding of work hours • No rounding = 0, • per 10 minutes = 1; 00 ~ 04 = 00, 05 ~ 10 = 10 (min.), • per 15 minutes = 2; 00 ~ 07 = 00, 08 ~ 15 = 15 (min.), • per 20 minutes = 3; 00 ~ 10 = 00, 11 ~ 20 = 20 (min.), • per 30 minutes = 4; 00 ~ 15 = 00, 16 ~ 30 = 30 (min.)	Significant number	<input type="text"/> D <sub>1</sub>	

### Record 0036-022

Description	Choice	Program code
Reset the Store/Recall starting number. (after Open check Z)	No = 0 Yes = 1	<input type="text"/> D <sub>9</sub>
Store/Recall starting number (0000 = 0001) *	Significant numbers	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> D <sub>8</sub> D <sub>7</sub> D <sub>6</sub> D <sub>5</sub>
Store/Recall ending number (0000 = 9999) *	Significant numbers	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> D <sub>4</sub> D <sub>3</sub> D <sub>2</sub> D <sub>1</sub>

- \* 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="text"/> <input type="text"/> <input type="text"/> <input type="text"/> D <sub>8</sub> D <sub>7</sub> D <sub>6</sub> D <sub>5</sub>
Auto check ending number (0000 = 9999) *	Significant numbers	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> D <sub>4</sub> D <sub>3</sub> D <sub>2</sub> D <sub>1</sub>

- \* Be sure that all terminals have common value.
- \* The starting number should be smaller than the ending number.

# Program 6

Record 0038-022 (not used)

Record 0039-022

Description	Choice	Program code
Auto customer starting number ("0000" is treated as "0001".) *	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D <sub>8</sub> D <sub>7</sub> D <sub>6</sub> D <sub>5</sub>
Auto customer ending number ("0000" is treated as "9999".) *	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D <sub>4</sub> D <sub>3</sub> D <sub>2</sub> D <sub>1</sub>

\* Be sure that all terminals have common value.

\* The starting number should be smaller than the ending number.

Record 0040-022 (not used)

Record 0041-022 (not used)

Record 0042-022

Description	Choice	Program code
Allow to create a new customer during registration.	a Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D <sub>11</sub>
Confirm to clear customer at finalization	b No = 0 Yes = 2	
Create a new customer No. automatically.	c No = 0 Yes = 4	
Enter name for new customer.	a No = 0 Yes = 2	<input type="checkbox"/> (a+b) D <sub>10</sub>
Enter address for new customer.	b No = 0 Yes = 4	
Enter phone No. for new customer.	No = 0 Yes = 1	<input type="checkbox"/> D <sub>9</sub>
Offset value for the customer No. in magnetic card	Significant number (00~16)	<input type="checkbox"/> <input type="checkbox"/> D <sub>8</sub> D <sub>7</sub>
Customer No. digits in magnetic card	Significant number (00~12)	<input type="checkbox"/> <input type="checkbox"/> D <sub>6</sub> D <sub>5</sub>
Always "0000"		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D <sub>4</sub> D <sub>3</sub> D <sub>2</sub> D <sub>1</sub>

Record 0043-022

Description	Choice	Program code
Site ID (0001 - 9999)	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D <sub>12</sub> D <sub>11</sub> D <sub>10</sub> D <sub>9</sub>
Offset value for the Site ID in magnetic card	Significant number (0 ~ 9)	<input type="checkbox"/> D <sub>8</sub>
Always "0000"		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D <sub>7</sub> D <sub>6</sub> D <sub>5</sub> D <sub>4</sub>
Always "000"		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D <sub>3</sub> D <sub>2</sub> D <sub>1</sub>

## Record 0044-022

Description	Choice	Program code
The tone when the display turns on.* (The last 2-digit of the appropriate record No. of the sound file)	Significant numbers (00~09)	<input type="text"/> <input type="text"/> D <sub>12</sub> D <sub>11</sub>
The tone when the display turns off.* (The last 2-digit of the appropriate record No. of the sound file)	Significant numbers (00~09)	<input type="text"/> <input type="text"/> D <sub>10</sub> D <sub>9</sub>
The tone when the 1 shot error occurs.* (The last 2-digit of the appropriate record No. of the sound file)	Significant numbers (00~09)	<input type="text"/> <input type="text"/> D <sub>8</sub> D <sub>7</sub>
The tone when the alert (Yes/No selection) occurs.* (The last 2-digit of the appropriate record No. of the sound file)	Significant numbers (00~09)	<input type="text"/> <input type="text"/> D <sub>6</sub> D <sub>5</sub>
Always "00"		<input type="text"/> <input type="text"/> D <sub>4</sub> D <sub>3</sub>
Key confirmation tone* (The last 2-digit of the appropriate record No. of the sound file)	Significant numbers (00~09)	<input type="text"/> <input type="text"/> D <sub>2</sub> D <sub>1</sub>

\* No sound file is selected, if you program "00".

## Record 0045-022

Description	Choice	Program code
Full aged employee Daily work time (00 ~ 99 hours)	Significant numbers	<input type="text"/> <input type="text"/> D <sub>12</sub> D <sub>11</sub>
Full aged employee Daily work time (00 ~ 59 minutes)	Significant numbers	<input type="text"/> <input type="text"/> D <sub>10</sub> D <sub>9</sub>
Full aged employee Daily over time (00 ~ 99 hours)	Significant numbers	<input type="text"/> <input type="text"/> D <sub>8</sub> D <sub>7</sub>
Full aged employee Daily over time (00 ~ 59 minutes)	Significant numbers	<input type="text"/> <input type="text"/> D <sub>6</sub> D <sub>5</sub>
Full aged employee Weekly over time (00 ~ 99 hours)	Significant numbers	<input type="text"/> <input type="text"/> D <sub>4</sub> D <sub>3</sub>
Full aged employee Weekly over time (00 ~ 59 minutes)	Significant numbers	<input type="text"/> <input type="text"/> D <sub>2</sub> D <sub>1</sub>

## Record 0046-022

Description	Choice	Program code
Daily over time pay ratio (0.00 ~ 9.99) "0.00" is treated as "1.00".	Significant numbers	<input type="text"/> <input type="text"/> <input type="text"/> D <sub>12</sub> D <sub>11</sub> D <sub>10</sub>
Daily 2nd over time pay ratio (0.00 ~ 9.99) "0.00" is treated as "1.00".	Significant numbers	<input type="text"/> <input type="text"/> <input type="text"/> D <sub>9</sub> D <sub>8</sub> D <sub>7</sub>
Weekly over time pay ratio (0.00 ~ 9.99) "0.00" is treated as "1.00".	Significant numbers	<input type="text"/> <input type="text"/> <input type="text"/> D <sub>6</sub> D <sub>5</sub> D <sub>4</sub>
Weekly 2nd over time pay ratio (0.00 ~ 9.99) "0.00" is treated as "1.00".	Significant numbers	<input type="text"/> <input type="text"/> <input type="text"/> D <sub>3</sub> D <sub>2</sub> D <sub>1</sub>

# Program 6

## Record 0047-022

Description	Choice	Program code
Printer type of order printer 11: Normal KP = 0, Ticket = 2,	Significant number	<input type="text"/> D <sub>10</sub>
Printer type of order printer 12: Normal KP = 0, Ticket = 2	Significant number	<input type="text"/> D <sub>9</sub>
Printer type of order printer 13: Normal KP = 0, Ticket = 2	Significant number	<input type="text"/> D <sub>8</sub>
Printer type of order printer 14: Normal KP = 0, Ticket = 2	Significant number	<input type="text"/> D <sub>7</sub>
Printer type of order printer 15: Normal KP = 0, Ticket = 2	Significant number	<input type="text"/> D <sub>6</sub>
Printer type of order printer 16: Normal KP = 0, Ticket = 2	Significant number	<input type="text"/> D <sub>5</sub>
Always "0000"		<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> D <sub>4</sub> D <sub>3</sub> D <sub>2</sub> D <sub>1</sub>

## Record 0048-022

Description	Choice	Program code
VMP shop code: "0000000000" ~ "9999999999"	Significant numbers	<input type="text"/> ~ <input type="text"/> D <sub>10</sub> ~ D <sub>1</sub>

## Record 0049-022

Description	Choice	Program code
Perform auto guest receipt.	a No = 0 Yes = 1	<input type="text"/> (a+b) D <sub>9</sub>
Bill allowed on OMS.	b Yes = 0 No = 4	
Always "0"		<input type="text"/> D <sub>8</sub>
OMS timeout value X 10 Second	Significant number	<input type="text"/> D <sub>7</sub>
Always "000000"		<input type="text"/> ~ <input type="text"/> D <sub>6</sub> ~ D <sub>1</sub>

## Record 0050-022

Description	Choice	Program code
Commission 1 threshold: "0 (= \$ 0.00)" ~ "999999 (= \$ 9,999.99)"	Significant numbers	<input type="text"/> ~ <input type="text"/> D <sub>12</sub> ~ D <sub>7</sub>
Commission 2 threshold: "0000000 (= \$ 0.00)" ~ "999999 (= \$ 9,999.99)"	Significant numbers	<input type="text"/> ~ <input type="text"/> D <sub>6</sub> ~ D <sub>1</sub>

### 7-2-4-6.Scheduler

0001-062	0000000000000000	Record No. / File No. / Parameter * (D <sub>28</sub> ~ D <sub>13</sub> )
	000000000000	Parameter * (D <sub>12</sub> ~ D <sub>1</sub> )
0002-062	0000000000000000	
	000000000000	
0003-062	0000000000000000	
	000000000000	
0004-062	0000000000000000	
	000000000000	

\* Parameter: Refer to the worksheet on page 48 in PGM 3 mode.

### 7-2-4-7.Check print

0001-041	000000	Record No. / File No. / Parameter *
0002-041	000000	
0003-041	000000	
0004-041	000000	

\* Parameter: Refer to the worksheet on page 49 in PGM 3 mode.

### 7-2-4-8.Table analysis

TBL01	0001-018	Table analysis descriptor / Record No. / File No.
	000000	Parameter * (Minimum check No.)
	000000	Parameter * (Maximum check No.)
TBL02	0002-018	
	000000	
	000000	

\* Parameter: Refer to the worksheet on page 50 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.
	000000	Parameter *
Out of Date	002-012	
	000000	

\* Parameter: Refer to the worksheet on page 54 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 54 in PGM 3 mode.

## 7-2-4-12. I/O parameter

0001-902	0000000000000000	Record No. / File No. / Parameter *
0002-902	0000000000000000	
0003-902	0000000000000000	
0004-902	0000000000000000	
	:	

\* Parameter: Refer to the worksheet on page 55 ~ 58 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	/1	50	
	MC #01	/2		
	:			

Description	Choice	Program code
Kind of printer: No = 00, R/J = 01, Rct = 02, Order#1 = 50, Order#2 = 51, ... Order#16 = 65	Significant numbers	<input type="text"/> <input type="text"/> D <sub>30</sub> D <sub>29</sub>
ECR ID characters connecting with main printer (within 12 characters)	Significant characters	<input type="text"/> ~ <input type="text"/> D <sub>28</sub> ~ D <sub>17</sub>
ECR ID characters connecting with backup printer (within 12 characters)	Significant characters	<input type="text"/> ~ <input type="text"/> D <sub>16</sub> ~ D <sub>5</sub>
Main printer number Printer (1) = 01, Printer (2) = 02 Printer (3) = 03, LAN printer 1 ~ 16 = 11 ~ 26	Significant numbers	<input type="text"/> <input type="text"/> D <sub>4</sub> D <sub>3</sub>
Backup printer number: Printer (1) = 01, Printer (2) = 02, Printer (3) = 03, LAN printer 1 ~ 16 = 11 ~ 26	Significant numbers	<input type="text"/> <input type="text"/> D <sub>2</sub> D <sub>1</sub>



## 7-2-4-14. Time Zone

0001-800	000000000000	Record No. / File No. / Parameter *
0001-800	000000000000	
:		

\* Parameter: Refer to the worksheet on page 60 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 <sub>12</sub> ~D <sub>3</sub> )
		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 <sub>44</sub> ~ D <sub>39</sub>
Character (16-digits)		Significant character	<input type="checkbox"/> ~ <input type="checkbox"/> D <sub>38</sub> ~ D <sub>23</sub>
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 <sub>22</sub> ~ D <sub>13</sub>
Specify job code	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D <sub>12</sub>
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 <sub>11</sub>
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 <sub>10</sub> D <sub>9</sub>
Job code 2 (00 ~ 99) ("00" means no select number)		Significant number	<input type="checkbox"/> <input type="checkbox"/> D <sub>8</sub> D <sub>7</sub>
Job code 3 (00 ~ 99) ("00" means no select number)		Significant number	<input type="checkbox"/> <input type="checkbox"/> D <sub>6</sub> D <sub>5</sub>
Job code 4 (00 ~ 99) ("00" means no select number)		Significant number	<input type="checkbox"/> <input type="checkbox"/> D <sub>4</sub> D <sub>3</sub>
Cashier / clerk record number (00 ~ 99)		Significant number	<input type="checkbox"/> <input type="checkbox"/> D <sub>2</sub> D <sub>1</sub>

# Program 6

## 7-2-4-16-1. Job Code

C00K			0001-802
	00	@9999.99	12.34
J0B#2			0002-802
	00	@0.00	0.00

Character / Record No. / File No.  
Programming (D<sub>12</sub>D<sub>11</sub>) / Pay rate/Overtime pay ratio

Description	Choice	Program code
Character (within a 16-digit) (No character means no setting.)	Significant character	<input type="text"/> ~ <input type="text"/> D <sub>28</sub> ~ D <sub>13</sub>
Tip declaration compulsory during clock-out operation	No = 0 Yes = 1	<input type="text"/> D <sub>12</sub>
Always "0"		<input type="text" value="0"/> D <sub>11</sub>
Pay rate (\$0.00 ~ \$9999.99)	Significant number	<input type="text"/> ~ <input type="text"/> D <sub>10</sub> ~ D <sub>5</sub>
Always "0000"		<input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/> D <sub>4</sub> D <sub>3</sub> D <sub>2</sub> D <sub>1</sub>

## 7-2-4-16-2. Schedule

Monday	(1)		0001-803
J0B#1			000000000000
			00000000
Monday	(2)		0002-803
J0B#2			000000000000
			00000000
	:		

Day of the week / Shift No. / Rec#~File#  
Job character / Programming (D<sub>20</sub>~D<sub>9</sub>)  
Programming (D<sub>8</sub>~D<sub>1</sub>)

Description	Choice	Program code
Job code (00 ~ 99) ("00" means no select number)	Significant number	<input type="text"/> <input type="text"/> D <sub>22</sub> D <sub>21</sub>
Start time (hour) (00 ~ 23)	Significant number	<input type="text"/> <input type="text"/> D <sub>20</sub> D <sub>19</sub>
Start time (minute) (00 ~ 59)	Significant number	<input type="text"/> <input type="text"/> D <sub>18</sub> D <sub>17</sub>
End time (hour) (00 ~ 23)	Significant number	<input type="text"/> <input type="text"/> D <sub>16</sub> D <sub>15</sub>
End time (minute) (00 ~ 59)	Significant number	<input type="text"/> <input type="text"/> D <sub>14</sub> D <sub>13</sub>
Break time (hour) (00 ~ 23)	Significant number	<input type="text"/> <input type="text"/> D <sub>12</sub> D <sub>11</sub>
Break time (minute) (00 ~ 59)	Significant number	<input type="text"/> <input type="text"/> D <sub>10</sub> D <sub>9</sub>
Grace before start (minute) (00 ~ 99)	Significant number	<input type="text"/> <input type="text"/> D <sub>8</sub> D <sub>7</sub>
Grace after start (minute) (00 ~ 99)	Significant number	<input type="text"/> <input type="text"/> D <sub>6</sub> D <sub>5</sub>
Grace before end (minute) (00 ~ 99)	Significant number	<input type="text"/> <input type="text"/> D <sub>4</sub> D <sub>3</sub>
Grace after end (minute) (00 ~ 99)	Significant number	<input type="text"/> <input type="text"/> D <sub>2</sub> D <sub>1</sub>

## 7-2-4-17. Mix & match

DISCOUNT	0000	0001-051
	1900	@1.00
03	0011-004	PLU012
01	0012-004	PLU013
	:	

Character / Coupon code / Record No. / File No  
 Parameter / Unit price  
 Combi item quantity / Combi item / Character

Description	Choice	Program code
Discount type: Discount = 0, Coupon = 1	Significant number	<input type="checkbox"/> D <sub>4</sub>
Type: Amount = 0, Rate = 2	Significant number	<input type="checkbox"/> D <sub>3</sub>
Always '0'		<input checked="" type="checkbox"/> D <sub>2</sub>
Number of discounts (0 ~ 9: "9" means no limitation)	Significant number	<input type="checkbox"/> D <sub>1</sub>

# Program 6

## 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 (D<sub>12</sub> ~ D<sub>9</sub>)

Description	Choice	Program code
Always "0"		<input type="text" value="0"/> D <sub>12</sub>
Specify IDC file No link = 0, IDC(1) = 1, IDC(2) = 2, IDC(3) = 3	Significant number	<input type="text"/> D <sub>11</sub>
Always "0"		<input type="text" value="0"/> D <sub>10</sub>
Target for IDC: All transactions=0, Only item / function=1	Significant number	<input type="text"/> D <sub>9</sub>
Record No. of the target for IDC	Significant number	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> D <sub>8</sub> D <sub>7</sub> D <sub>6</sub> D <sub>5</sub>
Always "0"		<input type="text" value="0"/> D <sub>4</sub>
File No. of the target for IDC *	Significant number	<input type="text"/> <input type="text"/> <input type="text"/> D <sub>3</sub> D <sub>2</sub> D <sub>1</sub>

\* File No.:  
PLU = 004, Subdepartment = 003, Department = 005, Free function = 002, Pulldown group = 026, Clerk = 007

## 7-2-4-19. Hourly Item link

0001-031	0001-001	GROSS
0001-032	0002-001	NET
	:	

Record No. / File No. / Target Record No.-File No. / Character

## 7-2-4-20. Euro

0001-099	00000000	Record No. / File No. / Parameter
0002-099	00000000	
0003-099	00000000	

### 1st record

Description	Choice	Program code
Exchange rate (Local ST -> Euro ST)	Significant numbers	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> D <sub>8</sub> D <sub>7</sub> D <sub>6</sub> D <sub>5</sub> D <sub>4</sub> D <sub>3</sub>
Exchange rate decimal point: No. of digits under decimal point	Significant number (0 ~ 6)	<input type="text"/> D <sub>2</sub>
Rounding: Cut off = 0/2, Round off = 1, Round up = 3	Significant number	<input type="text"/> D <sub>1</sub>

### 2nd record

Description	Choice	Program code
Exchange rate (Euro tender -> Local tender)	Significant numbers	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> D <sub>8</sub> D <sub>7</sub> D <sub>6</sub> D <sub>5</sub> D <sub>4</sub> D <sub>3</sub>
Exchange rate decimal point: No. of digits under decimal point	Significant number (0 ~ 6)	<input type="text"/> D <sub>2</sub>
Rounding: Cut off = 0/2, Round off = 1, Round up = 3	Significant number	<input type="text"/> D <sub>1</sub>

### 3rd record

Description	Choice	Program code
Monetary mode of sub currency: Add 0 ~ Add 3	Significant number (0 ~ 3)	<input type="text"/> D <sub>6</sub>
Open drawer even when a partial tender is performed.	No = 0 Yes = 1	<input type="text"/> D <sub>5</sub>
Drawer No. for sub currency: drawer 1 = 0/1, drawer 2 = 2	Significant number	<input type="text"/> D <sub>4</sub>
Print Euro totalizer on X/Z report.	No = 0 Yes = 1	<input type="text"/> D <sub>3</sub>
Print change amount in the foreign currency.	a No = 0 Yes = 1	<input type="text"/> (a+b+c) D <sub>2</sub>
Changing currency: main = 0, sub = 2	b Significant number	
Monetary symbol in seven segment display: E = 0, L = 4	c Significant number	
Print total in sub currency while finalizing.	a No = 0 Yes = 1	<input type="text"/> (a+b+c) D <sub>1</sub>
Print tax in sub currency while finalizing.	b No = 0 Yes = 2	
Print tender in sub currency while finalizing.	c No = 0 Yes = 4	

# Program 6

## 7-2-4-21. Auto program control

0001-905	0902 01	Record No. / File No. / Parameter *
0002-905	0999 01	
:		

\* Parameter: Refer to the worksheet on page 65 in PGM 3 mode.

## 7-2-4-22. Screen color

0001-906	000001230001	Record No. / File No. / Parameter *
0002-906	000000000000	
:		

\* Parameter: Refer to the worksheet on page 66 in PGM 3 mode.

## 7-2-4-23. Check window

0001-115	00000000000000	Record No. / File No. / Parameter *
0001-115	00000000000000	
:		

Description	Choice	Program code
Check No. (0 ~ 99999)	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D <sub>13</sub> D <sub>12</sub> D <sub>11</sub> D <sub>10</sub> D <sub>9</sub>
Key type (00 ~ 83)	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D <sub>8</sub> D <sub>7</sub>
Key bitmap link (0000 ~ 0300)	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D <sub>6</sub> D <sub>5</sub> D <sub>4</sub> D <sub>3</sub>
Always "00"		<input type="checkbox"/> <input type="checkbox"/> D <sub>2</sub> D <sub>1</sub>

### Key type:

- No key is assigned = 00
- Single size rectangular key = 10
- Double size rectangular key  : 20  : 21  : 30  : 31
- Quadruple size rectangular key  : 40  : 41  : 42  : 43
- Single size circular key = 50
- Double size circular key  : 60  : 61  : 70  : 71
- Quadruple size circular key  : 80  : 81  : 82  : 83

## 7-2-4-24. Customer group

CUST GP 01	0001-042	Descriptor / Record No. / File No.
	00	not used
	00000000	Credit limit amount
	00	Parameter 1
DISCOUNT(1)	00000000	Discount (1) descriptor / Parameter 2
DISCOUNT(2)	00000000	Discount (2) descriptor / Parameter 3
DISCOUNT(3)	00000000	Discount (3) descriptor / Parameter 4
DISCOUNT(4)	00000000	not used
	0000000000	not used
CUST GP 02	:	

### Parameter 1

Description	Choice	Program code
Print customer name on receipt.	a No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D <sub>2</sub>
Print customer address on receipt.	b No = 0 Yes = 2	
Print customer name on receipt.	c No = 0 Yes = 4	
Print customer receipt on order.	a No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D <sub>1</sub>
Print customer address on order.	b No = 0 Yes = 2	
Print customer name on order.	c No = 0 Yes = 4	

### Parameter 2

Description	Choice	Program code
Prepared tax status	Yes = 0 No = 4	<input type="checkbox"/> D <sub>7</sub>
Integer part of ST discount rate (00 ~ 99)	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D <sub>6</sub> D <sub>5</sub>
Decimal part of ST discount rate (00 ~ 99)	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D <sub>4</sub> D <sub>3</sub>
Always "00"		<input type="checkbox"/> <input type="checkbox"/> D <sub>2</sub> D <sub>1</sub>

### Parameter 3

Description	Choice	Program code
Integer part of selective item 1 discount rate (0 ~ 99)	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D <sub>6</sub> D <sub>5</sub>
Decimal part of selective item 1 discount rate (00 ~ 99)	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D <sub>4</sub> D <sub>3</sub>
Always "00"		<input type="checkbox"/> <input type="checkbox"/> D <sub>2</sub> D <sub>1</sub>

### Parameter 4

Description	Choice	Program code
Integer part of selective item 2 discount rate (0 ~ 99)	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D <sub>6</sub> D <sub>5</sub>
Decimal part of selective item 2 discount rate (00 ~ 99)	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D <sub>4</sub> D <sub>3</sub>
Always "00"		<input type="checkbox"/> <input type="checkbox"/> D <sub>2</sub> D <sub>1</sub>

# Program 6

---

## 7-2-4-25. CF X/Z conversion table

0001-087	000000000000	Record No. / File No. / Parameter
0002-087	000000000000	
	:	

## 7-2-4-26. Keyboard color theme

0001-908	000000000000000000	Record No. / File No. / Parameter *
0002-908	000000000000000000	
	:	

\* Parameter: Refer to the worksheet on page 70 in PGM 3 mode.

## 7-2-4-27. Keyboard color definition

0001-907	000000000000000000	Record No. / File No. / Parameter *
0002-907	000000000000000000	
	:	

\* Parameter: Refer to the worksheet on page 71 in PGM 3 mode.

## 7-2-4-28. TCP/IP

0001-900	000000000000	Record No. / File No. / Parameter *
0002-900	000000000000	
	:	

\* Parameter: Refer to the worksheet on page 71 in PGM 3 mode.

## 7-2-4-29. FTP Login Name

0001-911	ABCDEFGHIJ	1234567890	Record No. / File No. / Login name / Password
0002-911	*****	nnnnnnnnnn	
	:		

## 7-2-4-30. FTP Server Name

0001-912	Title Name of FTP sv	Record No. / File No. / Title name
	123123123123	
	Login ID	Login ID
	Password	Password
	Folder Name	Folder name
	:	

## 7-2-4-31. FTP Trans File

0001-913	Title of Trans Files	Record No. / File No. / Title name
	00000000	
	Receive file name	Receive file name
	:	

\* Refer to the programming screen on page 73 in PGM 3 mode.

## 7-2-4-32. PC keyboard

0001-374	0000 0000 0000 00	Record No. / File No. / Parameter*
0002-374	0000 0000 0000 00	
	:	

\* Refer to the programming screen on page 73 in PGM 3 mode.



## 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	000000000000	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 <sub>12</sub> D <sub>11</sub> D <sub>10</sub> D <sub>9</sub> D <sub>8</sub> D <sub>7</sub>
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 <sub>6</sub> D <sub>5</sub> D <sub>4</sub> D <sub>3</sub> D <sub>2</sub> D <sub>1</sub>

### 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 <sub>8</sub> D <sub>7</sub> D <sub>6</sub> D <sub>5</sub>
Commission rate 2 (0.01 ~ 99.99%)	Significant numbers (with decimal)	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> D <sub>4</sub> D <sub>3</sub> D <sub>2</sub> D <sub>1</sub>

Flat fee: D<sub>8</sub> ~ D<sub>1</sub> = Amount

# Program 6

## Record 01-067

Description		Choice	Program code
Check number compulsory		No = 0 Yes = 4	<input type="checkbox"/> D <sub>10</sub>
Table number compulsory	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D <sub>9</sub>
Number of customer compulsory	b	No = 0 Yes = 2	
Guest receipt automatic issuance (at finalization)	c	No = 0 Yes = 4	
Guest receipt compulsory	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D <sub>8</sub>
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 <sub>7</sub>
Training clerk		No = 0 Yes = 1	<input type="checkbox"/> D <sub>6</sub>
Enable to open check created by other clerk	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D <sub>5</sub>
Disable to sign on	b	No = 0 Yes = 2	
Sign off at finalization	c	No = 0 Yes = 4	
Always "0"			<input type="checkbox"/> D <sub>4</sub>
Seat number compulsory	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b) D <sub>3</sub>
Eat-in / Takeout compulsory	b	No = 0 Yes = 2	
Always "0"			<input type="checkbox"/> D <sub>2</sub>
Void operation: Complete void = 0, Current transaction = 1, Not allowed = 2		Significant number	<input type="checkbox"/> D <sub>1</sub>

**Record 02-067**

Description		Choice	Program code
Default check No. window: Add-on check type = 00, Table layout type 01 ~ 19 = 01 ~ 19, Full screen type 1 ~ 3 = 21~23		Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D <sub>14</sub> D <sub>13</sub>
Enable to use 1st menu sheet.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D <sub>12</sub>
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 <sub>11</sub>
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+c) D <sub>10</sub>
Enable to use 8th menu sheet.	b	Yes = 0 No = 2	
Enable to use 9th menu sheet.	c	Yes = 0 No = 4	
Enable to use 10th menu sheet.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D <sub>9</sub>
Enable to use 11th menu sheet.	b	Yes = 0 No = 2	
Enable to use 12th menu sheet.	c	Yes = 0 No = 4	
Enable to use 13th menu sheet.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D <sub>8</sub>
Enable to use 14th menu sheet.	b	Yes = 0 No = 2	
Enable to use 15th menu sheet.	c	Yes = 0 No = 4	
Default shift PLU menu number after sign on. (0 ~ 8) (Do not set the disabled menu No.) ("0" means the first menu.)		Significant number	<input type="checkbox"/> D <sub>7</sub>
Default menu sheet number after sign on. (0 ~ 15) (Do not set the disabled sheet No.) ("0" means the first sheet.)		Significant number	<input type="checkbox"/> <input type="checkbox"/> D <sub>6</sub> D <sub>5</sub>
Default price shift number after sign on. (0 ~ 2) (Do not set the disabled No.) ("0" means the first unit price.)		Significant number	<input type="checkbox"/> D <sub>4</sub>
Status / stay down menu sheet assignment: Status = 0, Stay down = 1, Stay down for the same receipt = 2		Significant number	<input type="checkbox"/> D <sub>3</sub>
Status / stay down @ menu sheet assignment: Status = 0, Stay down = 1, Stay down for the same receipt = 2		Significant number	<input type="checkbox"/> D <sub>2</sub>
Always "0"			<input type="checkbox"/> D <sub>1</sub>

# Program 6

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 <sub>10</sub>
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"/> 0 D <sub>9</sub>
Enable to operate in PGM1 mode.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D <sub>8</sub>
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 <sub>7</sub>
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"/> 0 D <sub>6</sub>
Enable to operate in X/Z mode.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D <sub>5</sub>
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 <sub>4</sub>
Enable to operate in CF card Auto-PGM mode	b	Yes = 0 No = 2	
Always "00"			<input type="checkbox"/> 0 <input type="checkbox"/> 0 D <sub>3</sub> D <sub>2</sub>
Default mode after sign on: REG = 0, PGM1 = 1, X/Z = 2		Significant number	<input type="checkbox"/> D <sub>1</sub>

**Record 04-067**

Description		Choice	Program code
Enable to operate cash.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D <sub>12</sub>
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 <sub>11</sub>
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 <sub>10</sub>
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 <sub>9</sub>
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 <sub>8</sub>
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 <sub>7</sub>
Enable to operate loan.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D <sub>6</sub>
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 <sub>5</sub>
Enable to operate coupon.	b	Yes = 0 No = 2	
Enable to operate deposit.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b) D <sub>4</sub>
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 <sub>3</sub>
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 <sub>2</sub>
Enable to operate coupon 2.		Yes = 0 No = 4	<input type="checkbox"/> D <sub>1</sub>

# Program 6

Record 05-067

Description		Choice	Program code
Enable to operate validation.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D <sub>12</sub>
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 <sub>11</sub>
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 <sub>10</sub>
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 <sub>9</sub>
Enable to operate bill copy.	b	Yes = 0 No = 2	
Always "0".			<input type="checkbox"/> 0 D <sub>8</sub>
Enable to operate slip back feed / release.		Yes = 0 No = 4	<input type="checkbox"/> D <sub>7</sub>
Enable to operate slip print.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D <sub>6</sub>
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 <sub>5</sub>
Enable to operate food stamp status shift.	b	Yes = 0 No = 2	
Enable to operate money declaration.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b) D <sub>4</sub>
Enable to operate tax exempt.	b	Yes = 0 No = 2	
Enable to operate menu shift.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b) D <sub>3</sub>
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 <sub>2</sub>
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 <sub>1</sub>

**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 <sub>12</sub>
Enable to operate 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 <sub>11</sub>
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 <sub>10</sub>
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 <sub>9</sub>
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 <sub>8</sub>
Enable to operate Ketten Bon.	b	Yes = 0 No = 2	
Enable to operate selective item ST.		Yes = 0 No = 1	<input type="checkbox"/> D <sub>7</sub>
Always "00"			<input type="checkbox"/> <input type="checkbox"/> D <sub>6</sub> D <sub>5</sub>
Enable to operate new check.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D <sub>4</sub>
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 <sub>3</sub>
Enable to operate separate check.	b	Yes = 0 No = 2	
Always "0"			<input type="checkbox"/> D <sub>2</sub>
Enable to operate coupon No.		Yes = 0 No = 4	<input type="checkbox"/> D <sub>1</sub>

# Program 6

## Record 07-067

Description		Choice	Program code
Enable to operate substitution.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b) D <sub>12</sub>
Enable to operate house Bon.	b	Yes = 0 No = 4	
Always "0"			<input type="checkbox"/> 0 D <sub>11</sub>
Enable to operate operator open check.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D <sub>10</sub>
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 <sub>9</sub>
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 <sub>8</sub>
Enable to operate post entry.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D <sub>7</sub>
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 <sub>6</sub>
Enable to operate store.	b	Yes = 0 No = 2	
Enable to operate recall.	c	Yes = 0 No = 4	
Enable to operate electronic journal display.		Yes = 0 No = 2	<input type="checkbox"/> D <sub>5</sub>
Enable to operate home position.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D <sub>4</sub>
Enable to operate display mode change.	b	Yes = 0 No = 2	
Enable to operate dutch account.	c	Yes = 0 No = 4	
Enable to operate customer No.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b) D <sub>3</sub>
Enable to operate payment.	b	Yes = 0 No = 2	
Enable to operate all void of this transaction.		Yes = 0 No = 4	<input type="checkbox"/> D <sub>2</sub>
Enable to operate all void from the top of this receipt.		Yes = 0 No = 1	<input type="checkbox"/> D <sub>1</sub>



**Record 08-067**

Description		Choice	Program code
Enable to operate price.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D <sub>12</sub>
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 <sub>11</sub>
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 <sub>10</sub>
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.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D <sub>9</sub>
Enable to operate search key.	b	Yes = 0 No = 2	
Enable to operate order character change key.	c	Yes = 0 No = 4	
Enable to operate price change.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b) D <sub>8</sub>
Enable to operate NLU.	b	Yes = 0 No = 2	
Enable to operate NFP.	a	Yes = 0 No = 2	<input type="checkbox"/> (a+b) D <sub>7</sub>
Enable to operate work time.	b	Yes = 0 No = 4	
Always "0"			<input type="checkbox"/> 0 D <sub>6</sub>
Enable to operate function list.		Yes = 0 No = 1	<input type="checkbox"/> D <sub>5</sub>
Always "0000"			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D <sub>4</sub> D <sub>3</sub> D <sub>2</sub> D <sub>1</sub>

# Program 6

## 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 <sub>12</sub>
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 <sub>11</sub>
Enable to operate arrange group 5.	b	Yes = 0 No = 2	
Always "0000"			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D <sub>10</sub> D <sub>9</sub> D <sub>8</sub> D <sub>7</sub>
Always "0000"			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D <sub>6</sub> D <sub>5</sub> D <sub>4</sub> D <sub>3</sub>
The tone when this clerk signs on. ("00": no sound file) (The last 2-digit of the appropriate record No. of the sound file)		Significant number (00~09)	<input type="checkbox"/> <input type="checkbox"/> D <sub>2</sub> D <sub>1</sub>

**Record 10-067**

Description		Choice	Program code
Enable to issue daily X report.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b) D <sub>12</sub>
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 <sub>11</sub>
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 <sub>10</sub>
Enable to issue periodic 2 Z report.	b	Yes = 0 No = 2	
Always "0"			<input type="checkbox"/> 0 D <sub>9</sub>
Enable to issue batch X/Z 1 report.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D <sub>8</sub>
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 <sub>7</sub>
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 <sub>6</sub>
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 <sub>5</sub>
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 <sub>4</sub>
Enable to issue operator Z report.	b	Yes = 0 No = 2	
Always "00"			<input type="checkbox"/> <input type="checkbox"/> 0 0 D <sub>3</sub> D <sub>2</sub>
Enable to issue X/Z report by file.	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D <sub>1</sub>
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	

# **Program 6**

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### 7-2-5-2. Clerk detail

0001-030	0001-001	GROSS
0002-030	0002-001	NET
0003-030	0003-001	CAID

Record No. / File No. / Detailed total record No. / File No. / Character

### 7-2-5-3. Clerk key ID (I-Button key ID)

1234567890AB	0001-027
C01	0000000001
12362458DA79	0002-027
C02	0000000002

Key ID. / Record No. / File No.  
Clerk name / Clerk record No.

### 7-2-5-4. Clerk pop-up window

0001-117	000000000000
0002-117	000000000000
:	

Record No. / File No. /Parameter

Description	Choice	Program code
Clerk record No. (0 ~ 99)	Significant numbers	<input type="text"/> <input type="text"/> D <sub>12</sub> D <sub>11</sub>
Key type (00 ~ 83)	Significant numbers	<input type="text"/> <input type="text"/> D <sub>10</sub> D <sub>9</sub>
Key color link (00 ~ 99)	Significant numbers	<input type="text"/> <input type="text"/> D <sub>8</sub> D <sub>7</sub>
Key bitmap link (0000 ~ 1000)	Significant numbers	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> D <sub>6</sub> D <sub>5</sub> D <sub>4</sub> D <sub>3</sub>
Always "00"		<input type="text"/> <input type="text"/> D <sub>2</sub> D <sub>1</sub>

Key type:

- No key is assigned = 00
- Single size rectangular key = 10
- Double size rectangular key  : 20  : 21  : 30  : 31
- Quadruple size rectangular key  : 40  : 41  : 42  : 43
- Single size circular key = 50
- Double size circular key  : 60  : 61  : 70  : 71
- Quadruple size circular key  : 80  : 81  : 82  : 83

# Program 6

## 7-2-6 Key feature

### 7-2-6-1. PLU

PLU0001	0001-004	PLU descriptor / Record No. / File No.
	00000000000000000000	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	00000000	Refer to the field 20-066 †
21-066	000000000000	Refer to the field 21-066 †
22-066	000000	not used
PLU0002		

### 7-2-6-2. PLU 2nd unit price

PLU0001	0001-054	PLU 2nd @ descriptor / Record No. / File No.
	00000000000000000000	Elementary program †
11-066	000000	Refer to the field 11-066 †
12-066	000000	Refer to the field 12-066 †
PLU0002	0002-054	
	00000000000000000000	
11-066	000000	
12-066	000000	
PLU0003		

### 7-2-6-3. Subdepartment

SUBDEPT01	0001-003	Subdepartment descriptor / Record No. / File No.
	00000000000000000000	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	00000000	Refer to the field 20-066 †
21-066	000000000000	Refer to the field 21-066 †
22-066	00	Color definition table record No.
SUBDEPT02		

### 7-2-6-4. Department

DEPT01	0001-005	Department descriptor / Record No. / File No.
	00000000000000000000	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	00000000	Refer to the field 20-066 †
21-066	000000000000	Refer to the field 21-066 †
22-066	00	Color definition table record No.
DEPT02		

† Refer to the field formats on the following pages.

## Elementary program

Description		Choice	Program code
Hotel category No. (0 ~ 7)		Significant number	<input type="checkbox"/> D <sub>15</sub>
Tare link (0 ~ 9)		Significant number	<input type="checkbox"/> D <sub>14</sub>
Enable to register manual scale		No = 0 Yes = 1	<input type="checkbox"/> D <sub>13</sub>
Single item control: Normal receipt = 0, Single item receipt = 3		Significant number	<input type="checkbox"/> D <sub>12</sub>
Selective item status 1	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b) D <sub>11</sub>
Selective item status 2	b	No = 0 Yes = 2	
Normal / condiment / preparation Normal item = 0, Condiment = 1, Preparation = 2		Significant number	<input type="checkbox"/> D <sub>10</sub>
U.S., Singapore:			
Food stamp status (except for Singapore)		No = 0 Yes = 1	<input type="checkbox"/> D <sub>9</sub>
Taxable status 1	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D <sub>8</sub>
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 <sub>9</sub>
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 <sub>8</sub>
Other area:			
Taxable status 01 ~ 10 ("00" means Non-tax)		Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D <sub>9</sub> D <sub>8</sub>
Multiple validation (If "No", only one validation is possible.)	a	Yes = 0 No = 1	<input type="checkbox"/> (a+b+c) D <sub>7</sub>
Full hash	b	No = 0 Yes = 2	
Open PLU	c	No = 0 Yes = 4	
Enable 0 unit price.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D <sub>6</sub>
Enable negative price.	b	No = 0 Yes = 2	
Hash	c	No = 0 Yes = 4	

# Program 6

Description		Choice	Program code
Register by unit price of pulldown main item. (i.e. ignore sub item unit price)	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D <sub>5</sub>
Use premium item of pulldown set.	b	No = 0 Yes = 2	
Scalable	c	No = 0 Yes = 4	
Low digit limitation (LDL) for manually entered unit price.		Significant number	<input type="checkbox"/> D <sub>4</sub>
Rollup condiment	a	No = 0 Yes = 1	<input type="checkbox"/> 0 (a+b) D <sub>3</sub>
Round repeatable	b	No = 0 Yes = 2	
Commission 1	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D <sub>2</sub>
Commission 2	b	No = 0 Yes = 2	
Prepared tax status: Prepared = 0, Non prepared = 4	c	Significant number	
Item follows department	a	No = 0 Yes = 2	<input type="checkbox"/> 0 (a+b) D <sub>1</sub>
Block/ Close item	b	No = 0 Yes = 4	

## Field 11-066

Description	Choice	Program code
Link subdepartment record number	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D <sub>6</sub> D <sub>5</sub>
Link department record number	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D <sub>4</sub> D <sub>3</sub>
Link group record number	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> D <sub>2</sub> D <sub>1</sub>

## Field 12-066

Description	Choice	Program code
PLU random code	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D <sub>6</sub> D <sub>5</sub> D <sub>4</sub> D <sub>3</sub> D <sub>2</sub> D <sub>1</sub>

## Field 13-066

Description	Choice	Program code
Set menu table number	Significant numbers	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> D <sub>4</sub> D <sub>3</sub> D <sub>2</sub> D <sub>1</sub>



**Field 14-066-1**

Description	Choice	Program code
Unit stock quantity (0.001 ~ 99.999)	Significant numbers	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> D <sub>6</sub> D <sub>5</sub> D <sub>4</sub> D <sub>3</sub> D <sub>2</sub>
Always "0"		<input type="text"/> D <sub>1</sub>

**Field 14-066-2**

Description	Choice	Program code
Minimum stock quantity (0.001 ~ 99.999)	Significant numbers	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> D <sub>6</sub> D <sub>5</sub> D <sub>4</sub> D <sub>3</sub> D <sub>2</sub>
Always "0"		<input type="text"/> D <sub>1</sub>

**Field 15-066**

Description	Choice	Program code
High amount limit for entering unit price manually.	Significant numbers	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> D <sub>6</sub> D <sub>5</sub> D <sub>4</sub> D <sub>3</sub> D <sub>2</sub> D <sub>1</sub>

**Field 16-066**

Description	Choice	Program code
Order character record number (00 ~ 99)	Significant numbers	<input type="text"/> <input type="text"/> D <sub>2</sub> D <sub>1</sub>

**Field 17-066**

Description	Choice	Program code
Number of Bon receipts (1 ~ 9) (If "0", no Bon is issued.)	Significant number	<input type="text"/> D <sub>1</sub>

# Program 6

## Field 20-066

Description		Choice	Program code
Order printing color: ① normal : ② Reverse: UP-400/360		① = 0 ② = 1	<input type="checkbox"/> D <sub>8</sub>
Print out to order printer #1.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D <sub>7</sub>
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="checkbox"/> (a+b+c) D <sub>6</sub>
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.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D <sub>5</sub>
Print out to order printer #8.	b	No = 0 Yes = 2	
Print out to order printer #9.	c	No = 0 Yes = 4	
Print out to order printer #10.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D <sub>4</sub>
Print out to order printer #11.	b	No = 0 Yes = 2	
Print out to order printer #12.	c	No = 0 Yes = 4	
Print out to order printer #13.	a	No = 0 Yes = 1	<input type="checkbox"/> (a+b+c) D <sub>3</sub>
Print out to order printer #14.	b	No = 0 Yes = 2	
Print out to order printer #15.	c	No = 0 Yes = 4	
Print out to order printer #16.		No = 0 Yes = 1	<input type="checkbox"/> D <sub>2</sub>
Always "0"			<input type="checkbox"/> 0 D <sub>1</sub>

### Field 21-066

Description	Choice	Program code
Pulldown group record number (1)	Significant numbers	<input type="text"/> <input type="text"/> <input type="text"/> D <sub>12</sub> D <sub>11</sub> D <sub>10</sub>
Pulldown group record number (2)	Significant numbers	<input type="text"/> <input type="text"/> <input type="text"/> D <sub>9</sub> D <sub>8</sub> D <sub>7</sub>
Pulldown group record number (3)	Significant numbers	<input type="text"/> <input type="text"/> <input type="text"/> D <sub>6</sub> D <sub>5</sub> D <sub>4</sub>
Pulldown group record number (4)	Significant numbers	<input type="text"/> <input type="text"/> <input type="text"/> D <sub>3</sub> D <sub>2</sub> D <sub>1</sub>

### Field 22-066

Description	Choice	Program code
Color link number (record No. of color link file: File-906) ("00 ~ 11" is treated as "03".)	Significant numbers	<input type="text"/> <input type="text"/> D <sub>2</sub> D <sub>1</sub>

### 7-2-6-5. Function key

0001 CASH	00000000000000000000
0002 CHARGE	00000000000000000000
0003 CREDIT	00000000000000000000
0004 %+	00000000000000000000
0005 CLEAR	00000000000000000000
:	

Record No. / Key descriptor / Parameter \*

\* Parameter: Refer to the worksheet of each function key on page 94 ~ 117 in PGM 3 mode.

### 7-2-6-6. Scanning PLU file

#49177008	
ScanPLU0001	\$12.34
2nd Price	\$0.00
3rd Price	\$0.00
4th Price	\$0.00
5th Price	\$0.00
6th Price	\$0.00
7th Price	\$0.00
:	

Scanning PLU code  
Descriptor/ Unit price  
2nd shift unit price  
3rd shift unit price  
4th shift unit price  
5th shift unit price  
6th shift unit price  
7th shift unit price

### 7-2-6-7. Additional PLU character

#000001 PLU0001	
PLU0001 replacing chara	
Replace PLU Character	NO
Print on	Display/Rct/Order
#000002 PLU0002	
:	

PLU No./ PLU descriptor  
Additional PLU character

# Program 6

---

## 7-2-7 Keyboard

001. CLK#1	0001	002	072	Hard key code / Key descriptor / Record No. / File No. / Function code Key type / Color link / Bitmap link
		50010000		
002. CLK#2	0002	002	072	
		50010000		
003. RC	0003	002	020	
	:			

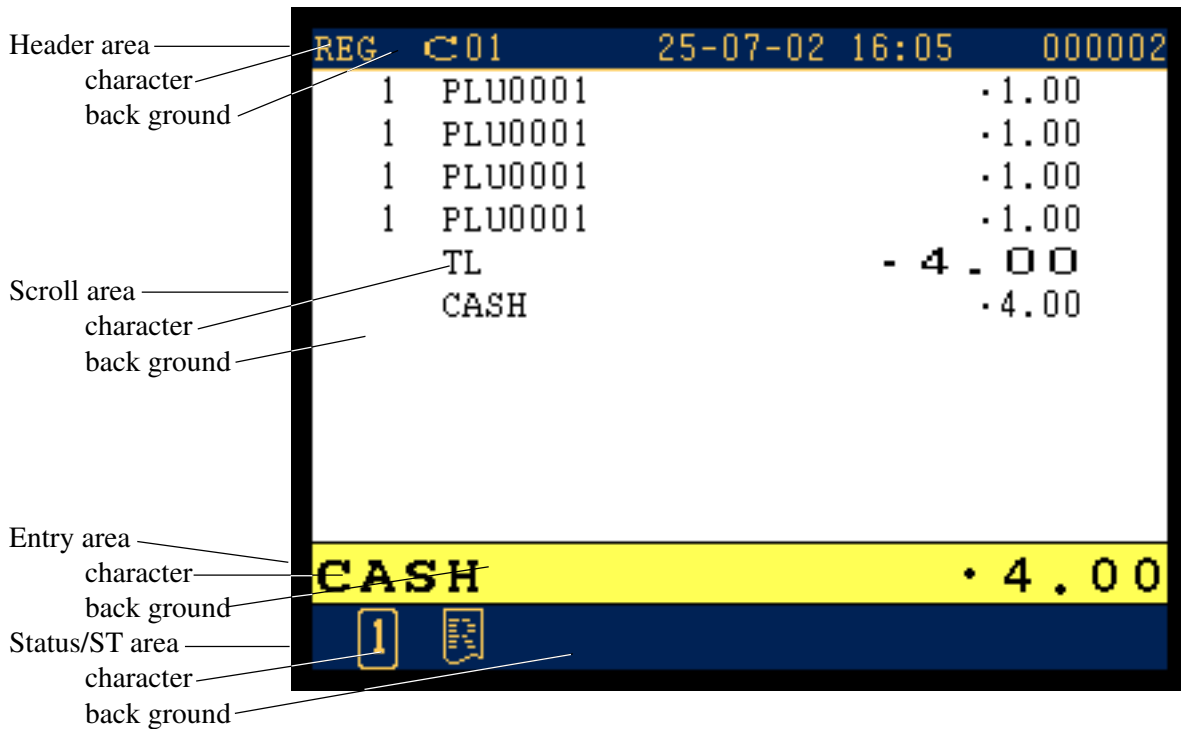
## 7-2-8 Memory allocation

FILE001	26	85	DL	P1	P2	WK	File No. / Length / Number of records / DL / P1 / P2 / WK Length / CL / CL / CL
	10		CL	CL	CL		
FILE002	42	200	DL	P1	P2	WK	DL: Daily total / PGM / work area, P1: Periodic 1 total P2: Periodic 2 total, WK: Consolidation work CL: Consolidation area of above file "--" means no file allocation. "*" means the file allocated in the flash memory.
	10		CL	CL	CL		
FILE003	63	10	DL	--	--	--	
		:					
		:					
		:					
RAM						153728	Remaining RAM capacity

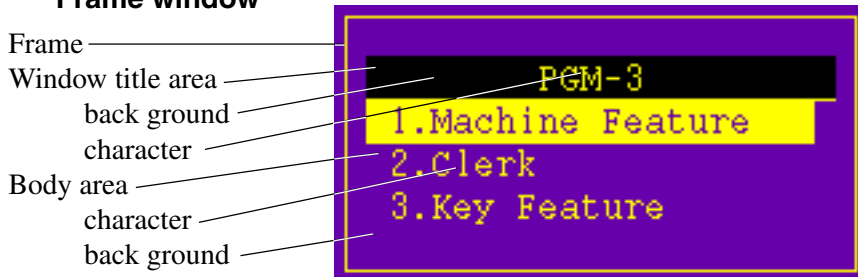
# Appendix

## Main display part field area / window meaning

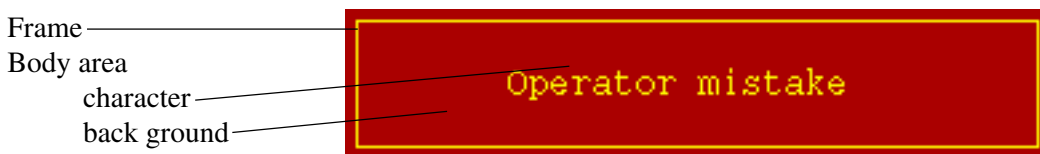
### Main window (Header, Scroll, Entry, Status/ST area)



### Frame window



### Message window/Error window



### Guidance area



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

# Appendix

## Color palette for display part

(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)

\* Actual color: Refer to the PDF file of the Programming manual.

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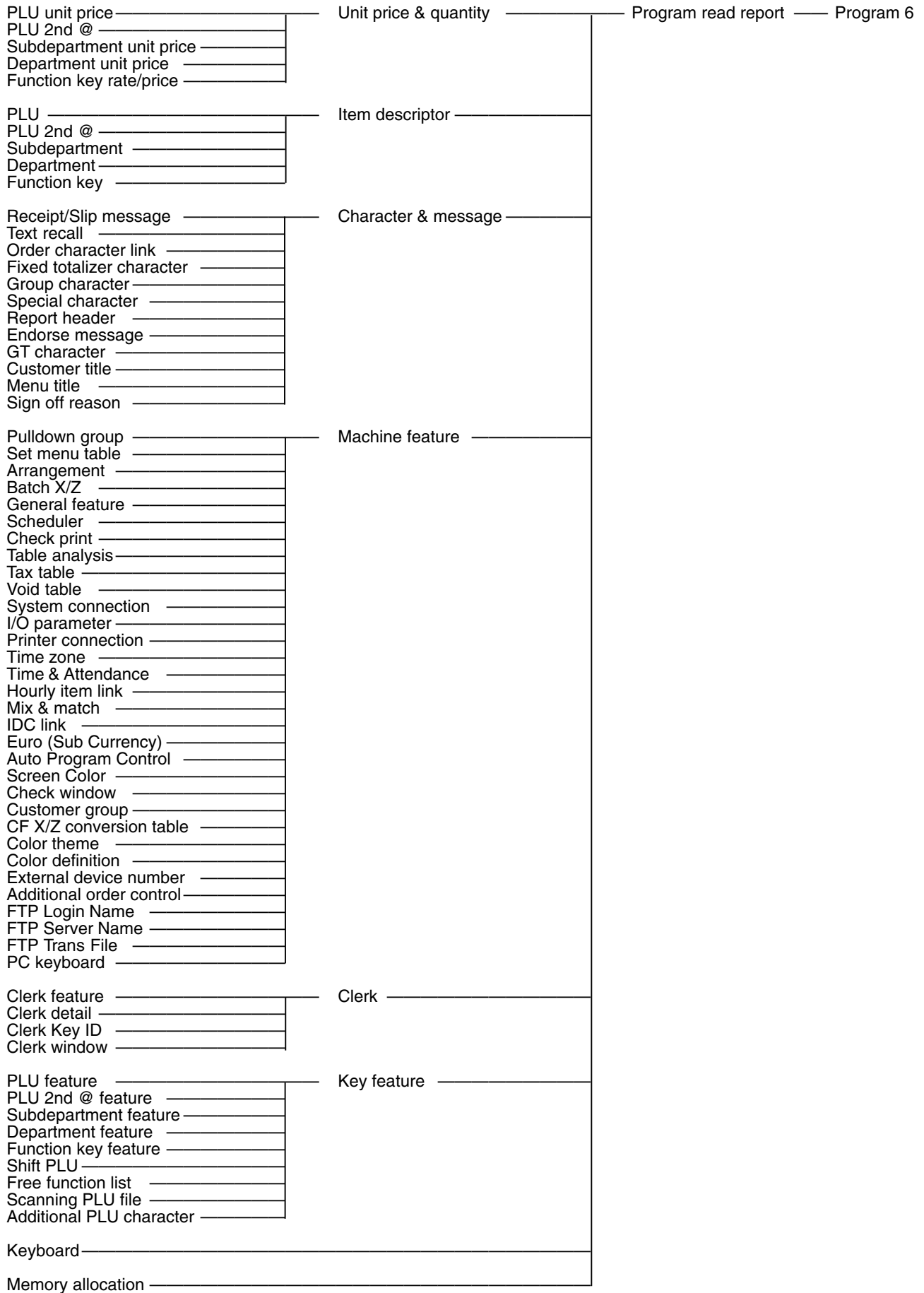
## Program 3 mode Hierarchy

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Arrangement			
Batch X/Z			
Machine control 1 ~ 4	General feature		
Print control			
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Communication			
Hourly sales			
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Journal control			
Message control			
Order control			
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Check tracking			
Clerk interrupt			
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Menu shift			
Sound			
External devices			
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Check print			
Table analysis			
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Void table			
System connection			
I/O parameter			
Printer connection			
Time Zone			
General	Time & Attendance		
Job Code			
Employee & Schedule			
Hourly Item Link			
Mix & match			
IDC Link			
Euro (Sub Currency)			
Auto Program Control			
Screen color			
Aust features			
22nd address			
Check window			
Customer control			
Customer group			
CF X/Z conversion			
Color theme			
Color definition			
TCP/IP			
External device number			
Additional order control			
FTP Login Name			
FTP Server Name			
FTP Trans File			
PC keyboard			

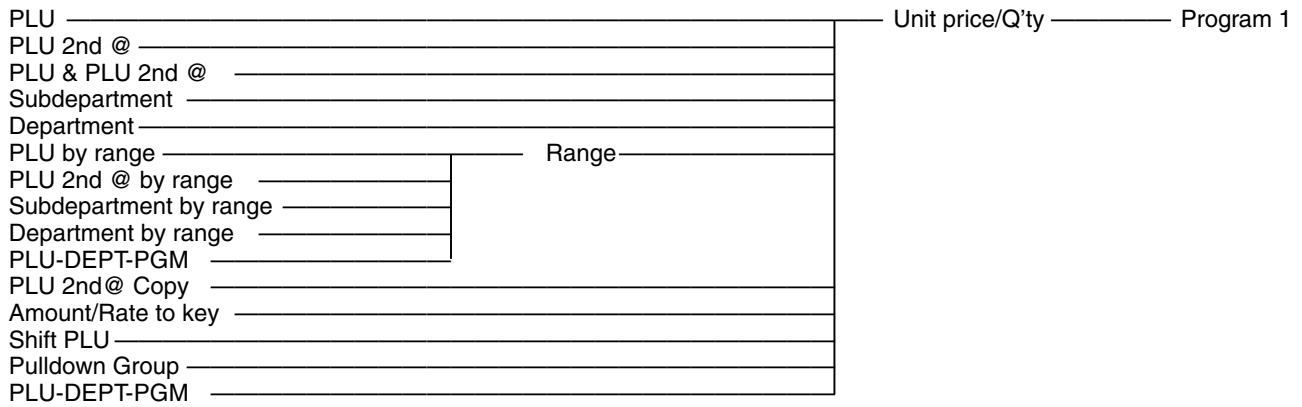


# Index

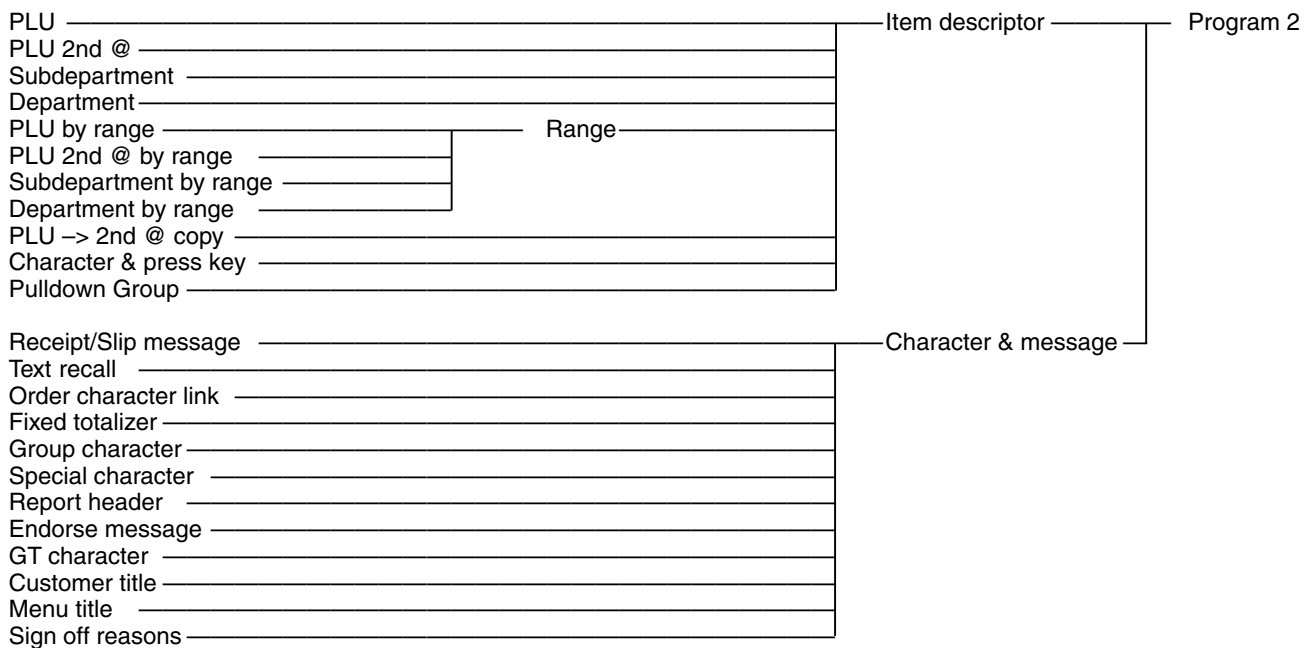
## Program 6 mode Hierarchy



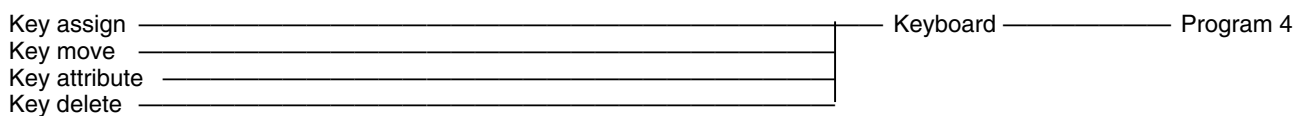
## Program 1 mode Hierarchy



## Program 2 mode Hierarchy



## Program 4 mode Hierarchy



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