Dealer's Manual
(for SE-S300, SE-S2000, SE-C300, SE-C2000: Ver2.20)

⚠ Caution !

Before connecting peripheral devices to the COM port,
turn the mode switch to the "OFF" position (**step 1**)
and disconnect the power plug from AC outlet (**step 2**).
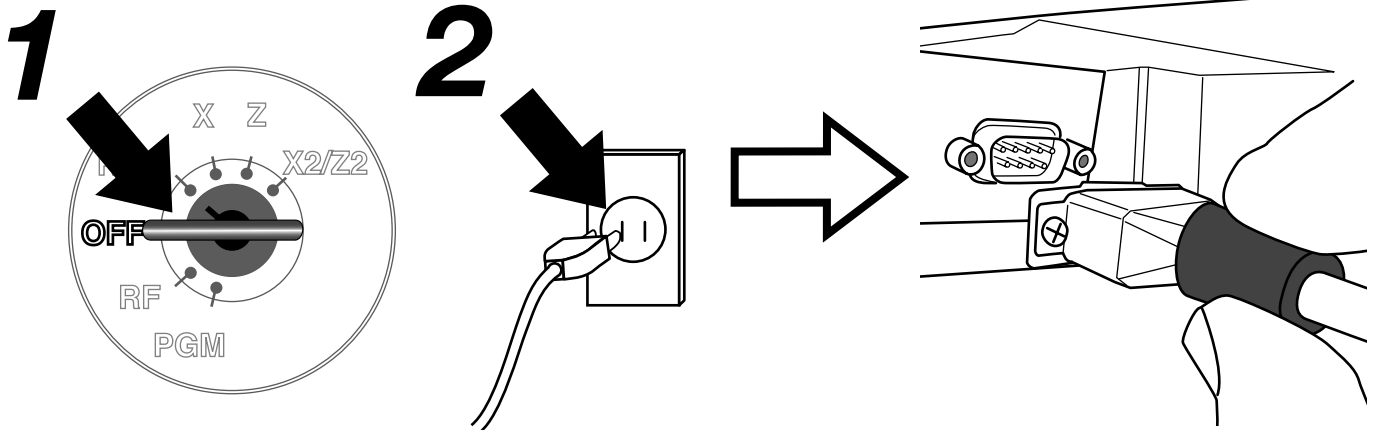
Initialization (for SE-S300/ SE-S2000)

Initializing the cash register

Automatic initialization

Use the following procedure to initialize the cash register before using it for the first time after you purchase it.

1. Install the two memory backup batteries (see page 10 of the User's Manual).
2. Plug the cash register into a wall outlet.
- At this time, "00000000" appears on the display and the printer operates for a minite. Initialization is complete when the printer stops operating.

CAUTION!

Automatic initialization (which clears all sales and programming data stored in the register's memory) is performed whenever all power (both the backup batteries and power through power cord) is cut from the cash register and then restored. The program data stored in the flash memory is restored.

Remember…

| Main power cut by:
• Unplugging the cash register
• Power failure | + | Backup power cut off by:
• Removing the batteries
• Dead or low batteries | = | Automatic initialization when the main power is restored and the mode switch is set to any position besides OFF. |

Manual initialization

Use the following procedure to initialize the cash register and clear all transaction data and program data from its memory.

1. Insert the mode key marked "PGM" into the mode switch.
2. Turn the mode switch to the OFF position.
3. While holding down the [FEED] (SE-S300) [JOURNAL FEED] (SE-S2000) key, turn the mode switch to the PGM position.
4. Release the [FEED] (SE-S300) [JOURNAL FEED] (SE-S2000) key.
5. Enter [A] [B] [C] [D] [0] and press the [SUB TOTAL] key. (A, B, C, D: Refer to the section below.)

A. Language selection

This specification defines the language to use for the date in receipt/journal printing.

English	⇨	[0]
French	⇨	[1]
Spanish	⇨	[2]
German	⇨	[4]

B. Area / monetary mode

This specification defines the area and the decimal position.

German	⇨	[4]
Two decimal place	⇨	[1]
No decimal place	⇨	[3]

C. Department number

This specification defines the number of department keys.

| SE-S300 | ⇨ | [2] [5] |
| SE-S2000 | ⇨ | [3] [0] |

D. Program 4 mode

This specification defines Program 4 mode availability.

| w/o PGM4 | ⇨ | [0] |
| with PGM4 | ⇨ | [4] |

Clearing a machine lock up

If you make a mistake in operation, the cash register may lock up to avoid damage to programs and preset data. Should it happens, you can use the following procedure to clear the lock up without losing any data.

1. Power off the register.
2. Insert the PGM key in the mode switch.
3. Press down and hold [FEED] (SE-S300) [RECEIPT FEED] (SE-S2000), and turn the mode switch to PGM mode.
4. The display shows INIT(SE-S300) / FC (SE-S2000) on alpha-display, then release [FEED] (SE-S300) [RECEIPT FEED] (SE-S2000).
5. Press [SUB TOTAL]. A receipt is issued.

Initialization (for SE-C300/ SE-C2000)

Initializing the cash register

Automatic initialization

Use the following procedure to initialize the cash register before using it for the first time after you purchase it.

1. Install the two memory backup batteries (see page 10 of the User's Manual).
2. Plug the cash register into a wall outlet.
• At this time, "00000000" appears on the display and the printer operates for a minite. Initialization is complete when the printer stops operating.

CAUTION!

Automatic initialization (which clears all sales and programming data stored in the register's memory) is performed whenever all power (both the backup batteries and power through power cord) is cut from the cash register and then restored. The program data stored in the flash memory is restored.

Remember…

Main power cut by: • Unplugging the cash register • Power failure	+	Backup power cut off by: • Removing the batteries • Dead or low batteries	=	Automatic initialization when the main power is restored and the mode switch is set to any position besides OFF.

Manual initialization

Use the following procedure to initialize the cash register and clear all transaction data and program data from its memory.

1. Insert the mode key marked "PGM" into the mode switch.
2. Turn the mode switch to the OFF position.
3. While holding down the `FEED` (SE-C300) `JOURNAL FEED` (SE-C2000) key, turn the mode switch to the PGM position.
4. Release the `FEED` (SE-C300) `JOURNAL FEED` (SE-C2000) key.
5. Enter `A` `B` `C` `D` `0` and press the `SUB TOTAL` key. (A, B, C, D: Refer to the section below.)

A. Language selection

This specification defines the language to use for the date in receipt/journal printing.

English	⇨	`0`
French	⇨	`1`
Spanish	⇨	`2`
German	⇨	`4`

B. Area / monetary mode

This specification defines the area and the decimal position.

German	⇨	`4`
Two decimal place	⇨	`1`
No decimal place	⇨	`3`

C. Touch keyboard

This specification defines touch keyboard with department or flat-PLU.

Department keys are allocated

⇨ `7` `2`

Flat PLU keys are allocated

⇨ `0` `0`

D. System selection

This specification defines the system (Check tracking system or Non-check tracking system)

Check tracking system

(Check No. = 50, detail No. = 1600)

⇨ `2`

Non-check tracking system

⇨ `0`

Clearing a machine lock up

If you make a mistake in operation, the cash register may lock up to avoid damage to programs and preset data. Should it happens, you can use the following procedure to clear the lock up without losing any data.

1. Power off the register.
2. Insert the PGM key in the mode switch.
3. Press down and hold `FEED` (SE-C300) `RECEIPT FEED` (SE-C2000), and turn the mode switch to PGM mode.
4. The display shows INIT(SE-C300) / FC (SE-C2000) on alpha-display, then release `FEED` (SE-C300) `RECEIPT FEED` (SE-C2000).
5. Press `SUB TOTAL`. A receipt is issued.

> **Note:**
>
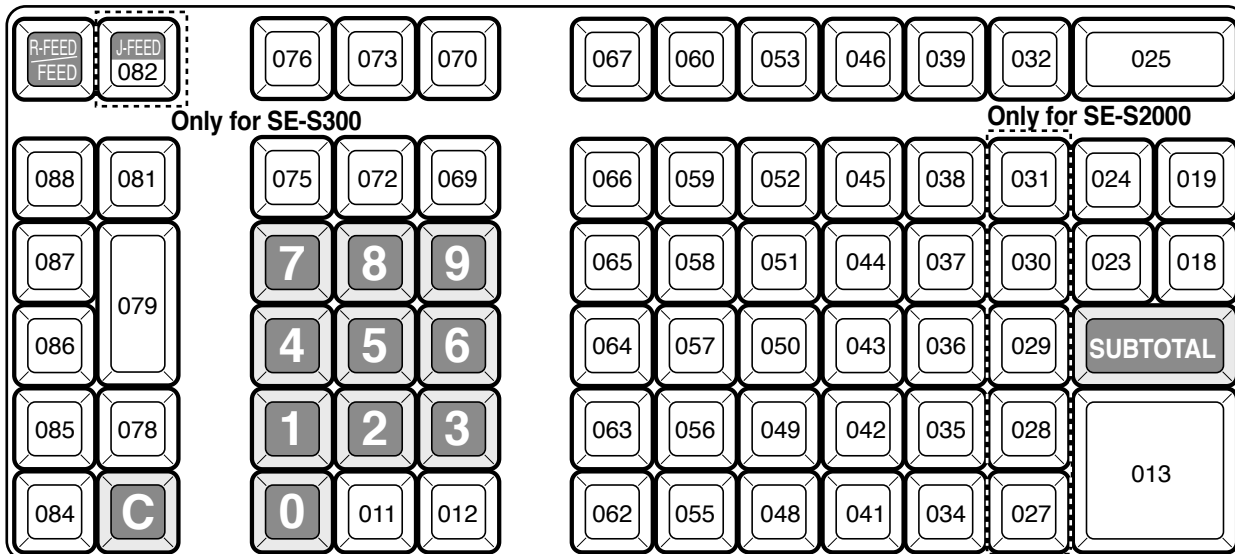> This page is for SE-S300 and SE-C2000 only.

Keyboard layout change

You can change the keyboard layout or allocate some new functions on the keyboard.

> **Note:**
>
> Before changing the keyboard layout, you must issue the daily and periodic reset reports.

Configuration of the physical key layout

The shadowed keys are fixed function keys. You cannot change the function of these keys.

> **Note:**
>
> The ⟨CA/AMT ≡/TEND⟩ key in programming procedures mean the #-013 key on the keyboard.

Programming the function of each key

PGM → 4 → SUB TOTAL → □□□□ → □□□ → Appropriate key → SUB TOTAL

Mode Switch

Record No. (only for Department)   Function code (3 digits)
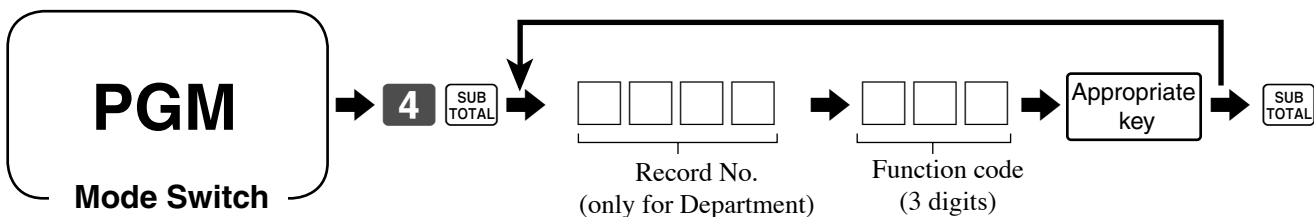
Contents	Function code	Contents	Function code	Contents	Function code
Cash/ amount tendered	001	Receipt	038	Subtotal	075
Charge	002	Non-add	040	Receipt on/ off	076
Check tendered	003	Non-add/ no sale	041	Multiplication	082
Received on account	020	No sale	042	OBR	103
Paid out	021	Currency exchange	045	Help	141
Coupon	023	VAT	046	Sign off	150
Reduction (Minus)	027	PLU	048	Tax program	151
Discount	028	Price	049	Dept no./ Dept shift	152
Premium	030	Department	051	"00" double zero *1	096
Refund	033	Open	067	"000" triple zero *1	097
Error correct/ cancel	034	Clerk number	072	"." decimal point *1	098

*1 Two zero key, three zero key, decimal point key can only be allocated in #-011 and #-012 position.

Usage of RAC-12B

The RAC-12B (option device) is a memory stick to save the programming data of the cash register.

Preparation for using the RAC-12B (formatting RAC-12B)

1. Turn the mode key to the "OFF" mode position.
2. Open the RAC connector cover on the left side of the register.
3. After removing the RAC-12B cap, hold the RAC-12B so that the arrow on the stick is on the top and insert it into the slot in the direction of the arrow.
4. Close the RAC connector cover.
5. Turn the mode key to the "PGM" mode position.
6. `7` `SUB TOTAL` `2` `1` `1` `0` `SUB TOTAL` `0` `2` `CA/AMT /TEND` `CA/AMT /TEND`

How to backup the programming data to the RAC-12B

1. Check the vacant RAC-12B is set to the slot. (If not, follow "formatting RAC-12B" section.)
2. Turn the mode key to the "PGM" mode position.
3. `7` `SUB TOTAL` `4` `1` `1` `0` `SUB TOTAL` `CA/AMT /TEND`

How to restore the programming data from the RAC-12B

1. Check the appropriate RAC-12B is set to the slot.
2. Turn the mode key to the "PGM" mode position.
3. `7` `SUB TOTAL` `4` `1` `0` `0` `SUB TOTAL` `CA/AMT /TEND`

Error code

If the error occurs, please see the troubleshooting section of the User's manual.

E200: Insert RAC
E201: Illegal Format

Scanning PLU

Summary

You can easily register items with barcode label by using barcode scanner.
Without programming any PLU code, unit price nor linked department, you can register the items and create the PLU programming data automatically by not found PLU registration.
You can input the PLU code by scanning the code or enter the PLU code and press [OBR] manually.
The barcode system of this register is as follows:

Scanning PLU code	Input method		Sample barcode
	Scanner	PLU code mamual input	
EAN-13 (PLU type)	✔	13 digits with check digit	4 912345 678904
EAN-8 (PLU type)	✔	8 digits with check digit	4912 3494
UPC-A (PLU type)	✔	10/11 digits without check digit	0 12345 67890 5
UPC-E (PLU type)	✔	6 digits without check digit	0 012345 7

Preparation

Just connect the HHS-15 handheld scanner (option) with the register.
  1. Power off the register, and disconnect the AC plug from AC outlet.
  2. Remove the connector cover.
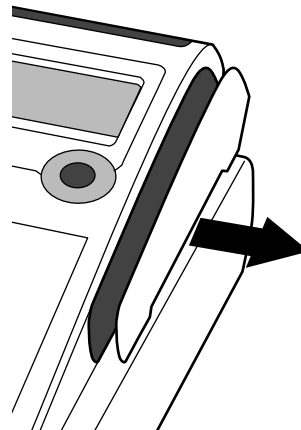
  3. Connect the scanner to the register and tighten two screws of the connector.

(SE-S300, SE-C300)

Connect here

(SE-S2000, SE-C2000)

COM2/SCANNER   COM1/PC

Connect here

  4. Replace the connector cover, reconnect the AC plug and power on the register.

Scanning PLU

Registration

Not found PLU

	OPERATION	DISPLAY

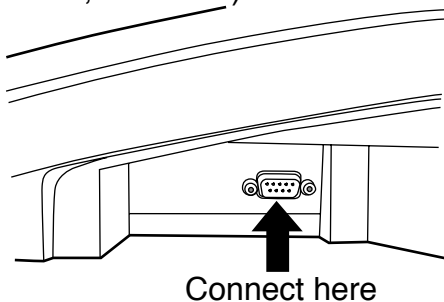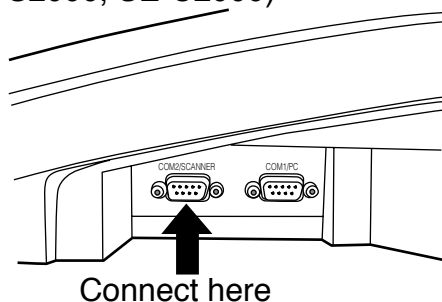|	Barcode	123456
Item	Unit price	$1.00
	Quantity	2
	Department	1
Payment	Cash	$2.00

Scanning the barcode

```
Not Found Error
          0.00
```
— Error message

```
Input Unit Price
,and press DEPT
          0.00
```
— Error message

1 **00** **1**
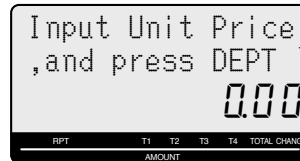
Enter unit price of the item and press the appropriate department.

```
 1 ST      ·1.00
DEPT001
          1.00
```
Link department name

Scanning the same item

After this procedure, the item is automatically programmed.

```
 2 ST      ·2.00
DEPT001
          1.00
```

CA/AMT /TEND

```
CASH
          2.00
```

RECEIPT

```
1 DEPT001        ·1.00
  #123456
1 DEPT001        ·1.00
  #123456
  TL            ·2.00
  CASH           ·2.00
```
Scanned item
Barcode*

Barcode*

* These items can be printed by program.

NOTE:

If there is no room for the not found item, this item is overwritten to the oldest item of the scanning PLU file.

After this registration, linked department name is used for this item. If you want to change the item name, refer to "To modify the scanning PLU item descriptor" section of this manual.

Scanning PLU

Unreadable barcode

In case of the scanner cannot read a barcode, enter the PLU code printed underneath the barcode and press the `OBR` key. It is necessary to enter a check digit if you register an EAN-13 or EAN-8 barcode.

			OPERATION	RECEIPT

Item 1*	EAN-8 Barcode	49123494	
	Unit price	($2.00)	
	Quantity	1	
	Department	1	
Item 2*	UPC-E Barcode	654321	
	Unit price	($3.00)	
	Quantity	1	
	Department	1	
Payment	Cash	$10.00	

* These items have been stored in the PLU file already.

OPERATION

`4` `9` `1` `2`
`3` `4` `9` `4`

Enter barcode with check digit.

(Press `OBR`.) `OBR`

`6` `5` `4`
`3` `2` `1`

Enter barcode without check digit.

(Press `OBR`.) `OBR`

`SUB TOTAL`

`1` `0` `00` `CA/AMT /TEND`

RECEIPT

```
1 PLU0002         ·2.00
  #49123494
1 PLU0003         ·3.00
  #654321
  TL          ·5.00
  CASH          ·10.00
  CG             ·5.00
```

Programming

To allocate <OBR> key

Refer to the "Keyboard layout change" chapter of this manual (SE-S300/ SE-S2000) / the user's manual (SE-C300/ SE-C2000). (The function code of the <OBR> is "103".)

To modify unit price and linked department / add new scanning PLU item

PGM
Mode Switch

→ `1` `SUB TOTAL` → `0` `0` `7` `1` `SUB TOTAL` →

To another scanning PLU

Scanning or barcode `OBR`

Use original unit price

`□` ~ `□` → `CA/AMT /TEND` →

Unit price (max. 6-digit)

Appropriate department key

`□` ~ `□` → `CA/AMT /TEND` → `SUB TOTAL`

Dept memory No.
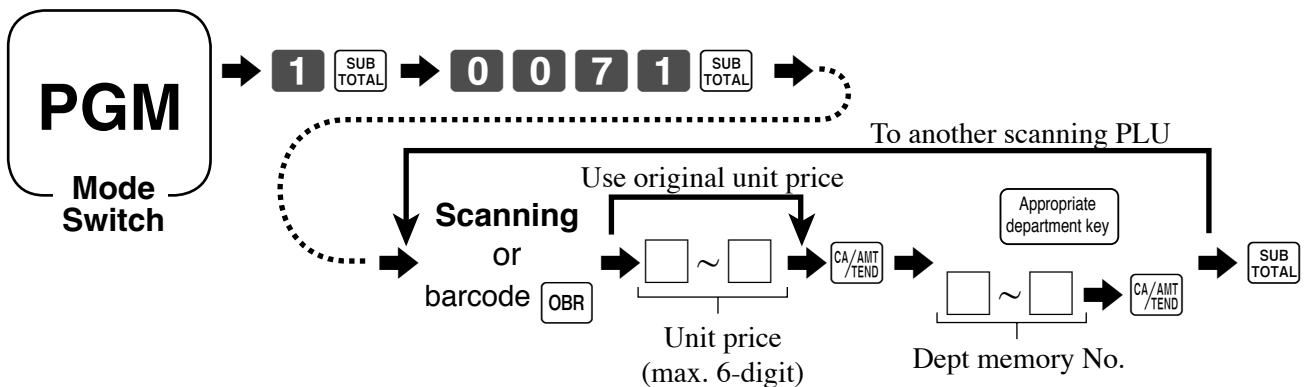
Scanning PLU

Report

To issue individual scanning PLU item report

Operation _____ **Report** _____

```
X    INDIVIDUAL          ──  Read symbol / report title

DEPT001           38      ──  Item name / No. of items
   8.13%        ·257.53   ──  Sales ratio* /amount
 #49012349                ──  PLU code *
PLU0001           17      ──  item name / No. of items
   0.53%         ·17.00   ──  Sales ratio * / PLU amount
 #123456                  ──  PLU code *

─────────────────────
TL               88.61   ──  Total No. of items
               ·516.10   ──  Total amount
```
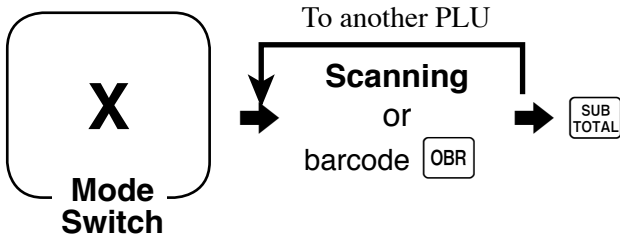
* These items can be printed by program.

Operation: **X** Mode Switch → To another PLU → **Scanning** or barcode `OBR` → `SUB TOTAL`

To issue individual scanning PLU item report

Operation _____ **Report** _____

Operation: **X/Z** Mode Switch → `2` `6` `CA/AMT TEND` →

Skip for first department No. → `☐` ~ `☐` → `CA/AMT TEND` →
Start department No.

Skip for last department No. → `☐` ~ `☐` → `CA/AMT TEND`
End department No.

```
Z    SCAN PLU       0001   ──  Reset symbol / report title / reset counter
                 0001026   ──  Report code

DEPT001          .....001  ──  Link department / Dept No.
PLU0001           109      ──  Item name / No. of items
   8.13%         ·257.53   ──  Sales ratio* / amount
 #49012349                 ──  PLU code*
PLU0001           17       ──  item name / No. of items
   0.53%          ·17.00   ──  Sales ratio* / PLU amount
 #123456                   ──  PLU code*
                    45
 #893281391742
─────────────────────
                 88.61     ──  Link dept total No. of items
               ·516.10     ──  Link dept total amount

DEPT002          .....002
PL           150
 #2395456        ·312.
─────────────────────
                 123
               ·234.00

─────────────────────
TL               123       ──  Total No. of items
               ·897.00     ──  Total amount
```
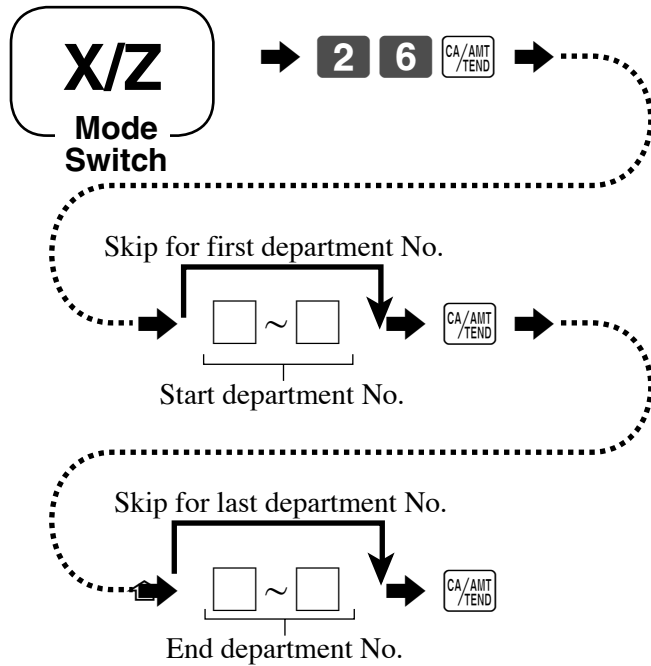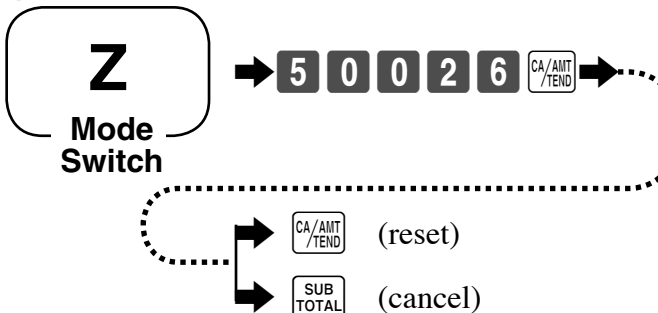
* These items can be printed by program.

To reset all scanning PLU item sales data

Operation _____ **Report** _____

Operation: **Z** Mode Switch → `5` `0` `0` `2` `6` `CA/AMT TEND` →

→ `CA/AMT TEND` (reset)
→ `SUB TOTAL` (cancel)

```
Z    SCAN PLU       0002   ──  Reset symbol / report title / reset counter
                 0050026   ──  Report code

PLU Z clear  Normal End    ──  Result printing
```
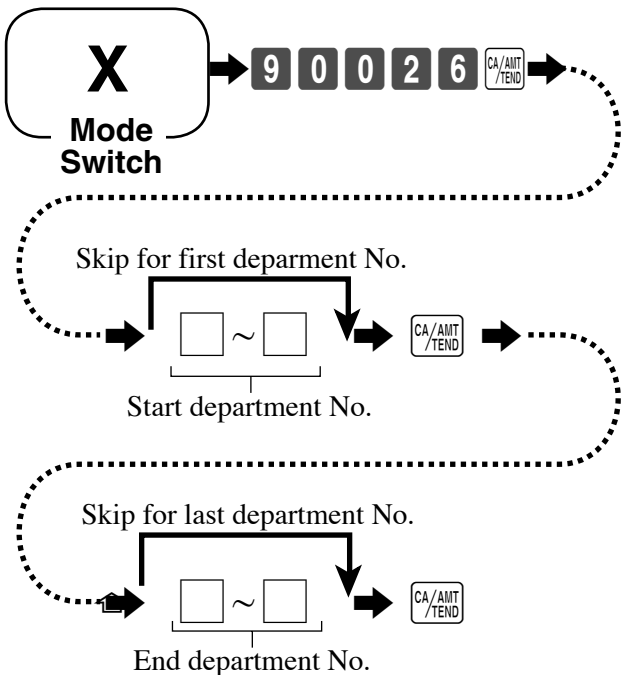
Scanning PLU

Advanced operation for scanning PLU

To print/not print scanning code, to set inactive days

PGM **Mode Switch** → **3** [SUB TOTAL] → **3** **1** **2** **2** [SUB TOTAL] → ☐☐ ~ ☐☐ [CA/AMT TEND] → [SUB TOTAL]

Refer to the table below.

Description		Choice	Program code	Initial value
Alert when the scanning PLU file has no room to add new item. (If "No" is selected, just replace the new item with the oldest item.)		No = 0 Yes = 1	☐ D_8	☐ D_8
Always "0"			**0** D_7	**0** D_7
Print scanning PLU code on receipt.	a	No = 0 Yes = 1	☐ (a+b+c) D_6	**0** (a+b+c) D_6
Print scanning PLU code on journal.	b	No = 0 Yes = 2		
Print scanning PLU code on report.	c	No = 0 Yes = 4		
Always "00"			**0** **0** D_5 D_4	**0** **0** D_5 D_4
Inactive days: (If a scanning PLU did not sell/ program during these days period, this item will be printed on the Inactive scanning PLU report.		Significant number (000 ~ 999)	☐ ☐ ☐ D_3 D_2 D_1	**0** **0** **0** D_3 D_2 D_1

To issue inactive scanning PLU report

Operation _____   **Report** _____

X **Mode Switch** → **9** **0** **0** **2** **6** [CA/AMT TEND] →

Skip for first deparment No.

☐ ~ ☐ → [CA/AMT TEND] →

Start department No.

Skip for last department No.

☐ ~ ☐ → [CA/AMT TEND]

End department No.

```
X    NON ACTIVE
                   0090026
DEPT001          .....001
PLU0001               0
                    ·0.00
 #49012349
PLU0001               0
                    ·0.00
 #123456
                      0
 #8932813917142
------------------------
                      0
                    ·0.00

DEPT002          .....002
PLU0001               0
 #2395456           ·0.00
------------------------
                      0
                    ·0.00

------------------------
TL                    0
                    ·0.00
```

- Read symbol / report title
- Report code
- Link department / Dept No.
- Item name / No. of items
- Amount
- PLU code*
- item name / No. of items
- PLU amount
- PLU code*
- Link dept total No. of items
- Link dept total amount
- Total No. of items
- Total amount

* These items can be printed by program.

Added program

Other added program

How to ignore the complusory drawer switch

1. Turn the mode key to the "PGM" mode position.
2. **3** [SUB TOTAL] **1** **0** **2** **2** [SUB TOTAL] $D_{10} D_9 D_8 D_7 D_6 D_5 D_4 D_3 D_2 D_1$ (refer to the table below) [CA/AMT /TEND] [SUB TOTAL]

Description		Choice	Program code	Initial value
Print taxable amount 1 on receipt/ journal.	a	Yes = 0 No = 1	(a+b+c) D_{10}	0 (a+b+c) D_{10}
Print taxable amount 2 on receipt/ journal.	b	Yes = 0 No = 2		
Print taxable amount 3 on receipt/ journal.	c	Yes = 0 No = 4		
Print taxable amount 4 on receipt/ journal.		Yes = 0 No = 1	D_9	0 D_9
Always "000"			0 0 0 D_8 D_7 D_6	0 0 0 D_8 D_7 D_6
Ignore the compulsory drawer switch		No = 0 Yes = 2	D_5	0 D_5
Always "0000"			0 0 0 0 D_4 D_3 D_2 D_1	0 0 0 0 D_4 D_3 D_2 D_1

How to enable auto-sign off after finalization

1. Turn the mode key to the "PGM" mode position.
2. **3** [SUB TOTAL] **2** **6** **2** **2** [SUB TOTAL] $D_7 D_6 D_5 D_4 D_3 D_2 D_1$ (refer to the table below) [CA/AMT /TEND] [SUB TOTAL]

Description		Choice	Program code	Initial value
Check number compulsory *	a	No = 0 Yes = 1	(a+b+c) D_7	0 (a+b+c) D_7
Number of customer compulsory *	b	No = 0 Yes = 2		
Guest receipt compulsory (at finalization) *	c	No = 0 Yes = 4		
Always "0"			0 D_6	0 D_6
Tax calculation by new balance. * (Calculation result is not saved into totalizer.)		No = 0 Yes = 1	D_5	0 D_6
Auto-sign off		No = 0 Yes = 4	D_4	0 D_4
Always "000"			0 0 0 D_3 D_2 D_1	0 0 0 D_3 D_2 D_1

* Only effective for SE-C300 and SE-C2000.

How to ignore the electronic journal full alarm

1. Turn the mode key to the "PGM" mode position.
2. **3** [SUB TOTAL] **1** **7** **2** **2** [SUB TOTAL] $D_4 D_3 D_2 D_1$ (refer to the table below) [CA/AMT /TEND] [SUB TOTAL]

Description		Choice	Program code	Initial value
Print date on journal.	a	Yes = 0 No = 2	(a+b) D_4	0 (a+b) D_4
Print consecutive number on receipt/ journal.	b	Yes = 0 No = 4		
Print time on receipt.	a	Yes = 0 No = 1	(a+b) D_3	0 (a+b) D_3
Print time on journal.	b	Yes = 0 No = 2		
Always "0"			0 D_2	0 D_2
Ignore Electronic journal full alarm.		Yes = 0 No = 1	D_1	0 D_1