SE-S10

Electronic Cash Register

(SE-S10 small drawer model)

User's Manual

START-UP is QUICK and EASY!
Simple to use!
20 departments and 500 PLUs
Automatic Tax Calculations
Calculator function

PRINTED WITH SOY INK™

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CASIO®

EU
DI
UK

Thank you very much for purchasing this CASIO electronic cash register.
START-UP is QUICK and EASY!

Part-1 of this User's Manual can help you make a quick start.

Once you have mastered the QUICK START operations, you will undoubtedly want to expand your use of this machine by studying other sections of Part-2.

Original Carton/Package
If for any reason, this product is to be returned to the store where purchased, it must be packed in the original carton/package.

Location
Locate the Cash register on a flat, stable surface, away from heaters or areas exposed to direct sunlight, humidity or dust.

Power Supply
Your cash register is designed to operate on standard household current (120V, 220V, 230V or 240V; 50/60Hz). Do not overload the outlet by plugging in too many appliances.

Cleaning
Clean the cash register exterior with a soft cloth which has been moistened with a solution of a mild neutral detergent and water, and wrung out.
Be sure that the cloth is thoroughly wrung out to avoid damage to the printer.
Never use paint thinner, benzene, or other volatile solvents.

The mains plug on this equipment must be used to disconnect mains power.
Please ensure that the socket outlet is installed near the equipment and shall be easily accessible.

Safety precautions

- To use this product safely and correctly, read this manual thoroughly and operate as instructed. After reading this guide, keep it close at hand for easy reference. Please keep all informations for future reference.
- Always observe the warnings and cautions indicated on the product.

About the icons

In this guide various icons are used to highlight safe operation of this product and to prevent injury to the operator and other personnel and also to prevent damage to property and this product. The icons and definitions are given below.

⚠ Indicates that there is a risk of severe injury or death if used incorrectly.

⚠ Indicates that injury or damage may result if used incorrectly.

Icon examples

To bring attention to risks and possible damage, the following types of icons are used.

The △ symbol indicates that it includes some symbol for attracting attention (including warning). In this triangle the actual type of precautions to be taken (electric shock, in this case) is indicated.

The ⃠ symbol indicates a prohibited action. In this symbol the actual type of prohibited actions (disassembly, in this case) will be indicated.

The ● symbol indicates a restriction. In this symbol the type of actual restriction (removal of the power plug from an outlet, in this case) is indicated.

⚠ Warning!

Handling the register

Should the register malfunction, start to emit smoke or a strange odor, or otherwise behave abnormally, immediately shut down the power and unplug the AC plug from the power outlet. Continued use creates the danger of fire and electric shock.

- Contact CASIO service representative.

Do not place containers of liquids near the register and do not allow any foreign matter to get into it. Should water or other foreign matter get into the register, immediately shut down the power and unplug the AC plug from the power outlet. Continued use creates the danger of short circuit, fire and electric shock.

- Contact CASIO service representative.

Should you drop the register and damage it, immediately shut down the power and unplug the AC plug from the power outlet. Continued use creates the danger of short circuit, fire and electric shock.

- Attempting to repair the register yourself is extremely dangerous. Contact CASIO service representative.

Never try to take the register apart or modify it in any way. High-voltage components inside the register create the danger of fire and electric shock.

- Contact CASIO service representative for all repair and maintenance.

Power plug and AC outlet

Use only a proper AC electric outlet. Use of an outlet with a different voltage from the rating creates the danger of malfunction, fire, and electric shock. Overloading an electric outlet creates the danger of overheating and fire.

Make sure the power plug is inserted as far as it will go. Loose plugs create the danger of electric shock, overheating, and fire.

- Do not use the register if the plug is damaged. Never connect to a power outlet that is loose.

⚠ Warning!

Use a dry cloth to periodically wipe off any dust built up on the prongs of the plug. Humidity can cause poor insulation and create the danger of electric shock and fire if dust stays on the prongs.

Do not allow the power cord or plug to become damaged, and never try to modify them in any way. Continued use of a damaged power cord can cause deterioration of the insulation, exposure of internal wiring, and short circuit, which creates the danger of electric shock and fire.

- Contact CASIO service representative whenever the power cord or plug requires repair or maintenance.

⚠ Caution!

Do not place the register on an unstable or uneven surface. Doing so can cause the register — especially when the drawer is open — to fall, creating the danger of malfunction, fire, and electric shock.

Do not place the register in the following areas.

- Areas where the register will be subject to large amounts of humidity or dust, or directly exposed to hot or cold air.
- Areas exposed to direct sunlight, in a close motor vehicle, or any other area subject to very high temperatures.

The above conditions can cause malfunction, which creates the danger of fire.

Do not overlay bend the power cord, do not allow it to be caught between desks or other furniture, and never place heavy objects on top of the power cord. Doing so can cause short circuit or breaking of the power cord, creating the danger of fire and electric shock.

Be sure to grasp the plug when unplugging the power cord from the wall outlet. Pulling on the cord can damage it, break the wiring, or cause short, creating the danger of fire and electric shock.

Never touch the plug while your hands are wet. Doing so creates the danger of electric shock. Pulling on the cord can damage it, break the wiring, or cause short, creating the danger of fire and electric shock.

At least once a year, unplug the power plug and use a dry cloth or vacuum cleaner to clear dust from the area around the prongs of the power plug.

Never use detergent to clean the power cord, especially power plug.

Keep small parts out of the reach of small children to make sure it is not swallowed accidentally.

Disposing of batteries:

Make sure that you dispose of used batteries in accordance with the rules and regulations in your local area.

Contents

Basic Components and Accessories

(SE-S10 small drawer model)

Accessories

Roll paper	1 pc
Mode keys	
Drawer keys	2 pcs
User's manual	1 pc
Fixing hook (M drawer model only)	2 pcs
Magnetic plate*	1 pc

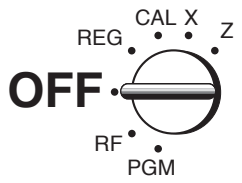
* Use this plate for tacking the notes received from customer.

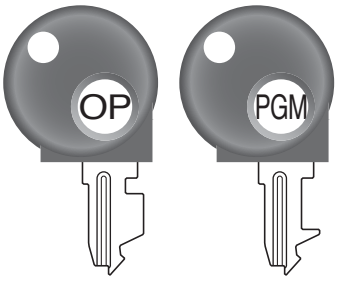
Weld lines

Lines may be visible on the exterior of the product. These are “weld lines” that result from the plastic molding process. They are not cracks or scratches.

Getting to know your cash register

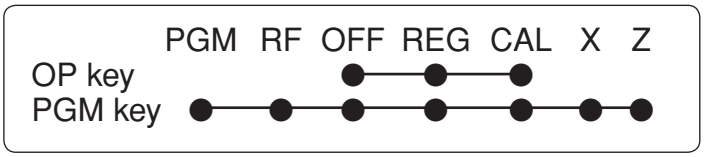
Mode Switch





OP key PGM key

The position of the Mode Switch controls the type of operations you can perform on the cash register. The PROGRAM key (marked PGM) can be select any Mode Switch setting, while OPERATOR key (marked OP) can be used to select OFF, REG or CAL only.



OFF
In this position, the power of the cash register is off.

REG (Register)
This is the position used for registration of normal transactions.

RF (Refund)
This is the position used for registration of refunds.

CAL (Calculator)
This is the position used for calculator mode.

PGM (Programming)
This is the position used to program the cash register to suit the needs of your store.

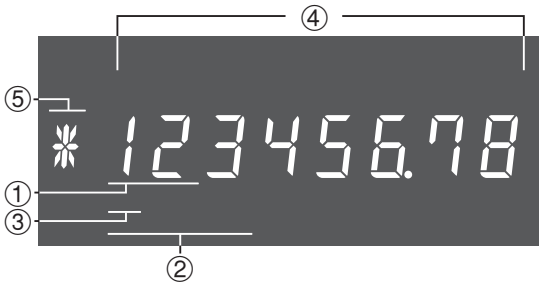
X (Read)
This is the position used to produce reports of daily sales totals without clearing the totals.

Z (Reset)
This is the position used to produce reports of daily sales totals. This setting clears the totals.

Note:
An error is generated (E01 displayed) whenever the position of the Mode Switch is changed during registration.

Display

Operator display



Customer display

① **Department Number Display**
Anytime you press a department key to register a unit price, the corresponding department number appears here.

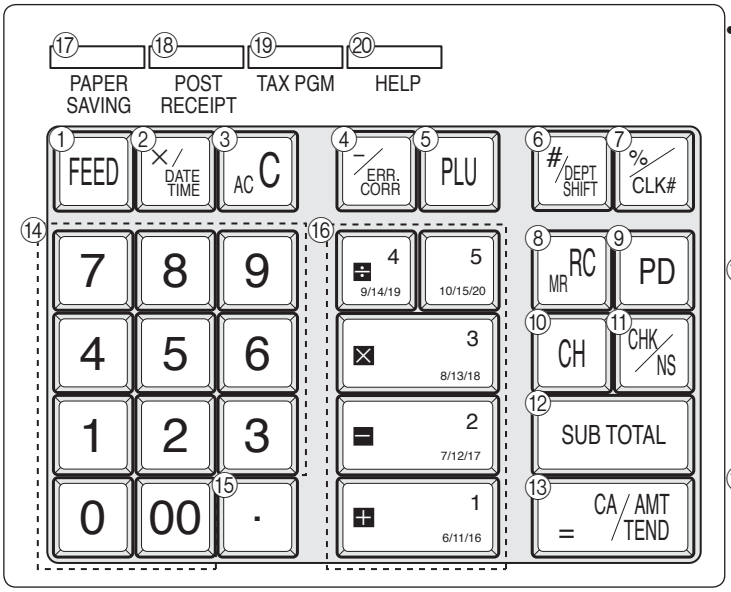
② **PLU Number Display**
Anytime you perform a PLU registration, the corresponding PLU number appears here.

③ **Number of Repeat Display**
Anytime you perform “repeat registration” (page 14), the number of repeats appears here.
Note that only one digit is displayed for the number of repeats.

④ **Numeric Display**
Entered values (unit prices or quantities) and calculated values (subtotals, totals or change amount due) are displayed here. The capacity of the display is 8 digits.
This part of the display can be used to show the current time or date between registrations (page 40).

⑤ **Character Display**
In the character programming (P2) mode, it shows the last entered character.
The total (T) or change (C) appears when a subtotal, total, or change is obtained.
In the paper saving mode, it shows ✳.

Keyboard



Certain keys have two functions; one for register mode and one for calculator mode.
In this manual, we will refer to specific keys as noted below to make the operations as easy to understand as possible:

Register Mode

① FEED Feed key

② ×/DATE TIME Multiplication/ Date Time key

③ AC C Clear key

④ −/ERR CORR Minus/ Error Correction key

⑤ PLU PLU (Price Look Up) key

⑥ #/DEPT SHIFT Reference Number/Department Shift key

⑦ %/CLK# Percent/Cashier ID No. Assignment key

⑧ RC/MR Received on Account key

⑨ PD Paid Out key

⑩ CH Charge key

⑪ CHK/NS Check/No Sale key

⑫ SUB TOTAL Subtotal key

⑬ =/CA/AMT TEND Cash Amount Tendered key

⑭ 0, 1, ~ 9, 00
Numeric keys and 2-zero key

⑮ · Decimal key

⑯ +1 (6/11/16), −2 (7/12/17), ×3 (8/13/18), ÷4 (9/14/19), 5 (10/15/20)
Department keys

- Department 6 through 20 are specified by pressing the #/DEPT SHIFT key respectively as follows:

#/DEPT SHIFT +1 (6/11/16) ~ #/DEPT SHIFT 5 (10/15/20) → Department 6 ~ 10

#/DEPT SHIFT #/DEPT SHIFT +1 (6/11/16) ~ #/DEPT SHIFT #/DEPT SHIFT 5 (10/15/20) → Department 11 ~ 15

#/DEPT SHIFT #/DEPT SHIFT #/DEPT SHIFT +1 (6/11/16) ~ #/DEPT SHIFT #/DEPT SHIFT #/DEPT SHIFT 5 (10/15/20) → Department 16 ~ 20

⑰ PAPER SAVING Paper saving key

Paper saving key is the key to save printing paper (Journal compressed printing/ No re ceipt issuing). In these cases, "∗" is lit on the character display.

⑱ POST RECEIPT Post receipt key

Post receipt key is used for issuing receipt after transaction. This key is effective if the printer is defined as printing receipts. Refer to page 38.

⑲ TAX PGM Tax Program key

⑳ HELP Help key

Help key is used for issuing assistant re-ceipts such as programming date/ time, paper installation etc.

Calculator Mode

③ AC C AC key

⑦ %/CLK# Percent key

⑧ RC/MR Memory Recall key

⑪ CHK/NS Drawer Open key

⑬ =/CA/AMT TEND Equal key

⑭ 0, 1, ~ 9, 00
Numeric keys and 2-zero key

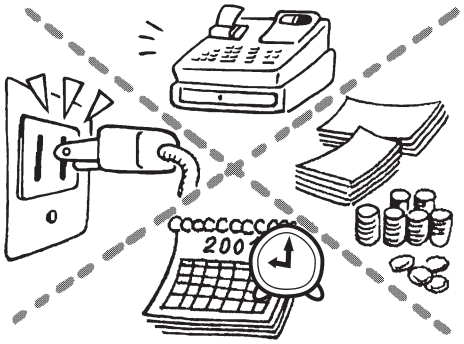
⑮ · Decimal key

⑯ +[1], −[2], ×[3], ÷[4]
Arithmetic Operation key

Daily Job Flow

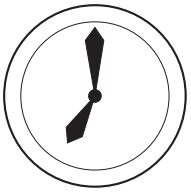
Before Opening The Store

1. Plugged in?
2. Enough Roll Paper? Page-11
3. Date and Time is correct? Page-40
4. Enough small change in the drawer? Page-41



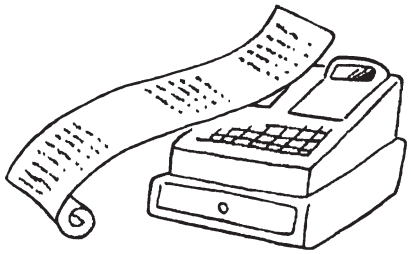
While The Store Is Open

1. Registrations. Page-14 ~
2. Issuing latest daily sales total if needed.
   (Generating report by Mode Switch to X position.) Page-18



After Closing The Store

1. Issuing Daily Sales Total.
   (Resetting report by Mode Switch to Z position.) Page-19
2. Picking up money in the drawer. Page-41.
   Turn the Mode Switch to OFF.



Other

1. Troubleshooting Page-45

Part-1 QUICK START OPERATION

1. Loading Memory Protection Battery

Important
You must initialize the Cash register.

1. Remove the printer cover.
2. Open the battery compartment cover.
3. Load 2 new UM-3, or R6P (SUM-3) type batteries into the compartment. Be sure that the plus (+) and minus (–) ends of each battery are facing in the directions indicated by the illustrations inside the battery compartment (Figure 1).
4. Replace the memory protection battery compartment cover back into place.

(Figure 1)

· **Note:** To prevent to lose all of your settings and sales data, we recommend you to install the memory protection batteries.

· **REPLACE MEMORY PROTECTION BATTERIES AT LEAST ONCE EVERY YEAR.**

2. Loading Paper Roll

To load receipt paper

① Open platen arm.

② Ensuring the paper is being fed from the bottom of the roll, lower the roll into the space behind the paper.

③ Put the leading end of the paper over the printer.

④ Close the platen arm slowly until it locks steadily.

CAUTION

RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.

DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

3. Setting the Cash Register

① Plug the power cord of the cash register into AC outlet.
② Please choose your language followed by printed message.
③ When the display shows blinking "0", such as

Enter current date in Day, Month, Year.
④ When the display shows blinking "0", such as

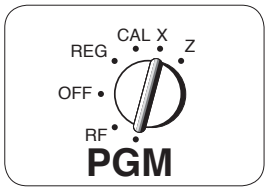
Enter current time in Hour, Minute.
⑤ Set the mode switch to REG.
⑥ Tear off any excess paper.

⑦ Replace the printer cover slowly.

*Default printer definition is receipt printer.

4. If you want to use a printer as journal printer

① Set printing system as journal.



1 SUB TOTAL

1 CH

② Remove the printer cover by lifting up the back.

③ Press the FEED key until approximately 20cm of the paper is fed from the register.

④ Roll the paper onto the take up real a few turns.

⑤ Set the left plate of the take up need and place the reel into the register.
⑥ Press the FEED key to take up any slack in the paper.
⑦ Replace the printer cover slowly.

5. To remove receipt paper

① Open the platen arm.

② Remove the core of the paper.

6. To remove journal paper

① Remove the printer cover by lifting up the back.

② Press the FEED key until approximately 20cm of the paper is fed from the printer.

③ Cut off the roll paper.

④ Remove the take-up reel from the printer and take off the left plate of the reel.

⑤ Remove the journal paper from the take-up reel.

⑥ Open the platen arm.

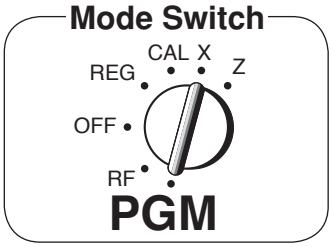
⑦ Remove the core of the paper.

⑧ Load new paper following the instructions "1. To load journal paper".

7. Caution (in handling the thermal printer)

1. Never touch the printer head and platen.
2. Unpack the paper just before you use.
3. Avoid heat/ direct sunlight.
4. Avoid dusty and humid places for strage.
5. Do not scratch the paper.
6. Do not keep the paper under the following circumstances: High humidity and temperature/ direct sunlight/ contact with glue, thinner or rubber eraser.

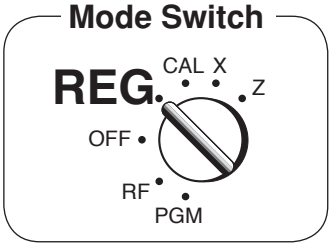
8. Basic Programming for QUICK START



Procedure	Purpose
1. To select the date format and monetary mode (if necessary) You can select the date format and monetary mode after initialization depending on the requirements in your area. Default date format is Day/ Month/ Year and default monetary mode is add 2. 3 [SUB TOTAL] P3 appears in mode display 0 1 2 2 [SUB TOTAL] Program set code No. 2 0 [= CA/AMT TEND] Select number from list A, Select number from list B [SUB TOTAL] (To end the setting) **Date Format Selections** A: Year/ Month/ Day 0; Day/ Month/ Year 1; Month/ Day/ Year 2 **Monetary Mode Selections** B: Add 0 (0.) 0; Add 1 (0.0) 1; Add 2 (0.00) 2	Select date format and monetary mode
2. Input the desired add-in tax rate to the appropriate department key. (This procedure below programs add-in tax rate only. If you want to set add-on tax or tax with special rounding, refer to page 27 of this manual.) A) Enter 1 and press the [SUB TOTAL] key. B) Press the [TAX PGM] key. C) Enter tax rate. (Example: For 6% enter "6", 5.75% enter "5.75".) D) Press the appropriate department key. E) Repeat step B) and C) to set other department key. F) Press the [SUB TOTAL] key to end tax programming. Note: In case of setting the wrong tax rate to the key, please enter 0 and press those department keys above, and quit this procedure by pressing [SUB TOTAL] key, and start from the beginning of this procedure. **Example :** Set add-in tax 8% to department 2, 3, 15% to department 4 key. [TAX PGM] Start tax program. 8 [-2] Enter tax rate and press dept key. 8 [×3] Enter tax rate and press dept key. 1 5 [÷4] Enter tax rate and press dept key. [SUB TOTAL] To end the setting.	Setting the tax rates

Procedure	Purpose
3. In case of accepting two (the Euro and the local) currencies. 3-1. Press the following keys to define the main currency/print out currency of the subtotal. 3 [SUB TOTAL] P3 appears in mode display 2 4 2 2 [SUB TOTAL] 1 [= CA/AMT TEND] Euro Status [SUB TOTAL] (to end the setting) Euro status (1) Main currency = Local, Print out subtotal = Local: 0 (2) Main currency = Euro, Print out subtotal = Euro : 1 (3) Main currency = Local, Print out subtotal = Both: 2 (4) Main currency = Euro, Print out subtotal = Both : 3 3-2. Press the following keys to set the currency exchange rate against the Euro. 1 [SUB TOTAL] P appears in mode display 1 · 5 9 [PD] [SUB TOTAL] (To end the setting) Example: (Exchange rate and decimal position) Currency exchange rate = 1 Euro in local currency 1 Euro = 1.95583 DM : 1 9 5 5 8 3 5 · The rate within the range of 0.00001 to 999999.	Setting the Euro
4. In case of becoming to accept the Euro only. You can restrict the registable currency to the Euro only by the following procedure. 1. Turn the mode switch to Z position. 2. Issue all reset report including periodic data. 3. Press the following keys to set. 0 1 0 7 2 0 0 2 [SUB TOTAL] [= CA/AMT TEND] If you want to cancel this operation, press [SUB TOTAL] instead of [= CA/AMT TEND].	Restricting the Currency to the Euro
5.For Australia only. You can set some programmable options to suit the Australian GST by the following procedure. 1. Turn the mode switch to Z position. 2. Press the following keys to program. 0 1 0 1 2 0 0 1 [SUB TOTAL] [= CA/AMT TEND] If you want to cancel this operation, press [SUB TOTAL] instead of [= CA/AMT TEND].	Setting the Australian GST

9. Basic Operation after Basic Programming



Note:
Whenever an error is generated, the input figures reset to 0. All printout samples are journal images and the header (date, time and consecutive no.) are eliminated from the samples.

Operation **Printout**

9-1 Open the drawer without a sale

[CHK /NS]

```
08-01-2010          08:55
REG                  0001

NS                 ..........
```
No Sale Symbol

9-2 Basic operation

Example

Unit Price	$1.00	$2.00	$0.30
Quantity	1	1	1
Dept.	1	10	15
Cash Amount tendered	$5.00		

[1] [0] [0] [+1]
Unit Price Department 1
[#/DEPT SHIFT] [2] [0] [0] [5]
Department 10
[#/DEPT SHIFT] [#/DEPT SHIFT] [3] [0] [5]
Department 15
[SUB TOTAL]
[5] [0] [0] [= CA/AMT TEND]
Cash amount tendered

```
08-01-2010          09:00
REG                  0002

DEPT01              ·1.00   Department No./Unit Price
DEPT10              ·2.00
DEPT15              ·0.30
TOTAL               ·3.30   Subtotal
CASH                ·5.00   Cash Amount Tendered
CHANGE              ·1.70   Change Amount Due
```

Departments 6 through 10, 11 through 15, 16 through 20 can also be registered in combination with the [#/DEPT SHIFT] and [+1], [-2], [×3], [÷4] or [5] keys, respectively. The [#/DEPT SHIFT] key should be entered just before entering unit price manually.

9-3 Multiple registration of the same items

Example

Unit Price	$1.00	$1.35
Quantity	2	3
Dept.	1	2

[1] [0] [0] [+1]
Department 1
Unit Price [+1]
[3] [×/DATE TIME]
Quantity Multiple key
[1] [3] [5] [-2]
[SUB TOTAL]
[= CA/AMT TEND]

```
08-01-2010          09:05
REG                  0003

DEPT01              ·1.00
DEPT01              ·1.00   Repeat
      3 X           @1.35   Sales Quantity/ Unit Price
DEPT02              ·4.05
CASH                ·6.05
```

Note that repeat registration can be used with unit prices up to 6 digits long.

9-4 Charge sales

Example

Unit Price	$1.00	$2.00	$3.00
Quantity	1	1	1
Dept.	1	2	1

[1] [0] [0] [+1]
[2] [0] [0] [-2]
[3] [0] [0] [+1]
[SUB TOTAL]
[CH]
Charge key

```
08-01-2010          09:10
REG                  0004

DEPT01              ·1.00
DEPT02              ·2.00
DEPT01              ·3.00
CHARGE              ·6.00   Charge Sales
```

You cannot perform the amount tendered operation using the [CH] key.

9-5 Split cash/ charge sales

Example

Unit Price	$2.00	$3.00	$4.00
Quantity	1	1	1
Dept.	1	2	1
Cash Amount tendered	$5.00		

Operation

2 0 0 [+1]
3 0 0 [-2]
4 0 0 [+1]
[SUB TOTAL]
5 0 0 [=/CA/AMT TEND]
[CH]

Printout

```
08-01-2010          09:25
REG                  0005

DEPT01              ·2.00
DEPT02              ·3.00
DEPT01              ·4.00
TOTAL               ·9.00
CASH                ·5.00   — Cash Amount Tendered
CHARGE              ·4.00   — Charge Sales
```

9-6 Corrections

Corrections can be made while you are registering the item (before you press a department key), or after it has already been registered into the memory (by pressing a department key).

9-6-1 Before you press a department key

[AC C] key clears the last item entered.

Example

1. Entered 400 for unit price by mistake instead of 100.

Operation

4 0 0 [AC C]
Wrong entry — Clears the last item entered.
1 0 0 [+1]
Correct entry — Registered Department 1

Printout

```
DEPT01              ·1.00
```

2. Entered unit price first instead of quantity and then pressed [×/DATE TIME].

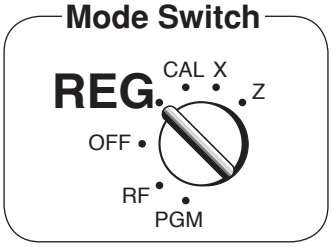
2 0 0 [×/DATE TIME]
Unit price — Multiplication
[AC C]
Clears the last item entered.
5 [×/DATE TIME]
Quantity — Multiplication
2 0 0 [-2]
Unit price — Registered Department 2

```
     5 X          @2.00
DEPT02            ·10.00
```

3. Entered 150 for unit price by mistake instead of 105.

1 0 [×/DATE TIME]
Quantity — Multiplication
1 5 0 [AC C]
Wrong entry — Clears the last item entered.
1 0 [×/DATE TIME]
Quantity
1 0 5 [×3]
Correct entry — Registered Department 3

```
    10 X          @1.05
DEPT03            ·10.50
```



9-6-2 After you pressed a department key

Operation **Printout**

[−/ERR CORR] key cancels the last registered item.

Example

1. Entered unit price 550 by mistake instead of 505 and pressed a department key.

5 5 0 [+1 6/11/16]
Wrong entry

[−/ERR CORR]
Cancels the last item registered.

5 0 5 [+1 6/11/16]
Correct entry Registered Department 1

```
DEPT01                ·5.50
ERR CORR              -5.50
DEPT01                ·5.05
```

2. Entered unit price 220 by mistake instead of 230 and pressed a department key.

3 [×/DATE TIME]
Quantity Multiplication

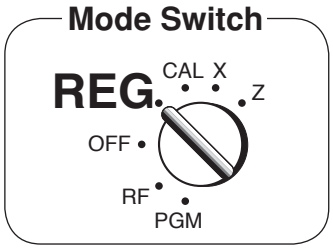
2 2 0 [-2 7/12/17]
Wrong entry

[−/ERR CORR]
Cancels the last item registered.

3 [×/DATE TIME]
2 3 0 [-2 7/12/17]
Correct entry Registered Department 2

```
      3 x         @2.20
DEPT02               ·6.60
ERR CORR             -6.60
      3 X         @2.30
DEPT02               ·6.90
```

9-7 Registering with currency exchange



Example

Unit Price	£2.00
Quantity	3
Dept. 1	1
Cash Amount tendered	10.00 Euro
Rate	1Euro = £ 0.8
Main currency	Local (£)
Printout of ST	Both currencies

Operation **Display**

3 [×/DATE TIME]
2 0 0 [+ 1 6/11/16]
[PD]
[SUB TOTAL] → 7.50E

Pressing [PD] before subtotal converts the subtotal amount into the Euro.

1 0 00
[PD] → 10.00E

Pressing [PD] after amount tendered converts the amount into the Euro. *1

[= CA/AMT TEND] → 2.00

Press [= CA/AMT TEND] to finalize the transaction. The change amount in the main currency is shown on the display. *2

*1 If the payment is the same as the subtotal amount, you can omit this operation. Press [= CA/AMT TEND] key directly after the subtotal.

*2 If the payment is less than the subtotal amount, the cash register specifies it as a partial payment and shows the balance in the main currency on the display.

Printout

```
08-01-2010          09:30
REG                  0010

      3 x          @2.00
DEPT01              ·6.00
TOTAL               ·6.00   — Subtotal in the main currency
                    €7.50   — Subtotal after conversion
EURO                        — Payment in the Euro
CASH                €10.00
CASH                ·8.00   — Payment after conversion
CHANGE              ·2.00   — Change in the main currency
EURO CG             €2.50   — Change in the sub currency
```

10. Daily Management Report

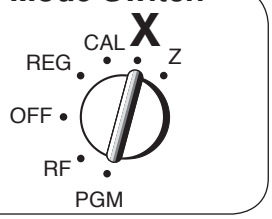
This section tells you the procedures to use to produce reports of the transaction data stored in the cash register's memory.

Important
Remember that when you issue a reset (Z) report, the data that is reported is cleared from the applicable totalizers. To view data without clearing totalizers, issue a read (X) report.

10-1 Financial Report

Operation

Mode Switch



[X/DATE TIME]

Printout

```
08-01-2010                19:10
X                          0070

      FLASH  X                    — Read Symbol

GROSS TOTAL        QT      57    — Gross Sales No. of items
                    ·270.48      — Gross Sales Amount
NET TOTAL          No      38    — Net Sales No. of Customers
                    ·271.24      — Net Sales Amount
CASH-INDW           ·197.57      — Cash Total in Drawer
CHARGE-INDW          ·18.19      — Charge Total in Drawer
CHECK-INDW           ·45.18      — Check Total in Drawer
```

10-2 Read/Reset Report

10-2-1 Electronic journal Report

Mode Switch to (X)

Operation

5 8 [= CA/AMT TEND]

(Date)*

[= CA/AMT TEND]

(Consecutive No.)*

[= CA/AMT TEND]

Printout

```
10-01-2010                19:25
X                          0173

0058 EJ              X           — Read Symbol

REG                       17:34  — Journal
                           0023
DEPT01                    ·2.24
CA                        ·2.24
```

* If you want to designate read range, enter date and/ or cosecutive No..
If you want to reset the electronic journal, just press 5 8 [= CA/AMT TEND] in Z mode.

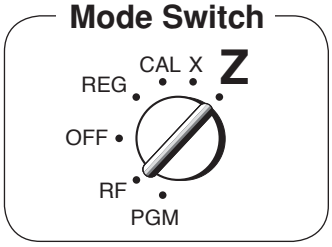
• Journal is saved in the memory and you can take a report any time you want.

10-2-2 Daily Read/Reset Report

Operation — Printout

Mode Switch to (X) (Read) [CA/AMT TEND]

Mode Switch to (Z) (Reset) [CA/AMT TEND]



X (Read) report is the same except *1 and *2.

Z (Reset) report

```
08-01-2010              19:25   Date/Time
Z                        0073   Consecutive No.

0000 DAILY             Z 0012   Non-resettable No. of Resets*1/RESET Symbol *1

DEPT01                 QT  48   Dept. Name/ No. of Items
                      ·50.10    Amount
DEPT02                 QT  28
                      ·76.40
DEPT03                 QT  17
                      ·85.80
                       QT  4
                        .00
------------------------
GROSS TOTAL            QT 108   Gross Sales No. of Items
                     ·316.80    Gross Sales Amount
NET TOTAL              No  46   Net Sales No. of Customers
                     ·325.13    Net Sales Amount
CASH-INDW            ·199.91    Cash in Drawer
CHARGE-INDW           ·16.22    Charge in Drawer
CHECK-INDW           ·105.00    Check in Drawer
TA1                  ·105.10    Taxable Amount for Tax Rate 1
TAX1                  ·4.20     Tax Amount for Tax Rate 1
ROUNDING AMT          ·1.23     Rounded Amount
RF-MODE TTL            No  2    Refnd Mode Count
                      ·0.50     Refund Mode Amount
CALCULATOR             No  3    No. of [CA/AMT TEND] key operation in CAL mode
------------------------
CASH                   No 44    Cash Sales Count
                     ·203.91    Cash Sales Amount
CHARGE                 No  3    Charge Sales Count
                      ·16.22    Charge Sales Amount
CHECK                  No  2    Check Sales Count
                     ·105.00    Check Sales Amount
RC                    ·6.00     Received On Account Amount
PD                   ·10.00     Paid Out Amount
-                     ·0.50     Reduction Amount
%-                    ·0.66     Premium/Discount Amount
ERR CORR               No 21    Error Correction Count
NS                     No 12    No sale Count
------------------------
CLERK01              ·325.13    Clerk 1 Sales Amount (Refer to 2-8 Cashier Assignment)
------------------------
GT       ·0,000,832,271.20      Non-resettable Grand Sales total (Printed only on RESET report) *2
```

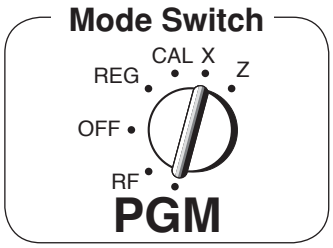
10-2-3 Periodic Read/ Reset Report

Operation — Printout

Mode Switch to (Z) or (X) [1] [0] [CA/AMT TEND]

```
12-01-2010              20:25
Z                        1100   Periocic Reset Symbol

0010 PERIODIC          ZZ 0001   Gross Sales No. of Items
                                 Gross Sales Amount
GROSS TOTAL            QT  67    Net Sales No. of Customers
                      ·270.73    Net Sales Amount
NET TOTAL              No  38
                      ·271.24
```

Part 2 CONVENIENT OPERATION



1. Various Programming

1-1 Unit price for Departments

Example

Unit Price	$1.00	$2.20	$11.00
Dept.	1	2	3

1 SUB TOTAL
P appears in mode display
1 0 0 +1 (For Dept. 1)
2 2 0 -2 (For Dept. 2)
1 1 0 0 ×3 (For Dept .3)
SUB TOTAL

• Unit prices within the range of 0.01~9999.99.

1-2 Rate for percent key

Example

Discount Rate	2.5%

1 SUB TOTAL
P appears in mode display
2 · 5 %/CLK#
SUB TOTAL
(To end the setting)

• The rate within the range of 0.01 to 99.99%.

1-3 To change tax status for Departments

Tax status for the Departments 1 ~ 20 are initialized as Non-Taxable.

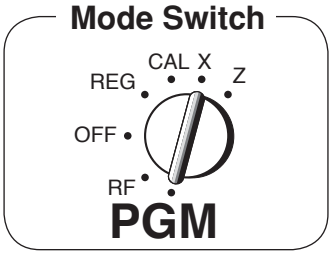
Example

Status	Taxable 1	Taxable 2
Depts.	1	7

1 SUB TOTAL TAX PGM
P appears in mode display
RC/MR +1
Select key from list A For Dept. 1
#/DEPT SHIFT PD -2
Taxable status 2 For Dept. 7
SUB TOTAL
(To end the setting)

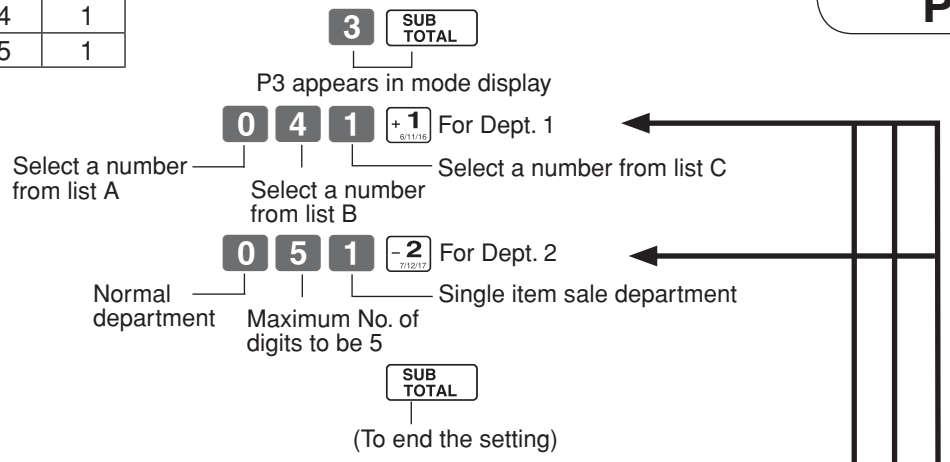
Selections		
Taxable status 1	RC/MR	A
Taxable status 2	PD	
Taxable status 3	×/DATE TIME	
Taxable status 4	CH	
Non-taxable status	CHK/NS	

1-4 Status for Department



Example

Depts.	Selections		
	A	B	C
1	0	4	1
2	0	5	1



Selections		
Normal department	0	A
Minus department	1	
No limitation for manually entered price.(7digits)	0	B
Maximum number of digits for manually entered price. (1 ~ 7 digits)	1 ~ 7	
To prohibit manual price entries.	8 or 9	
Normal sales (not a single-item sale) department	0	C
Set as a single-item sale department	1	

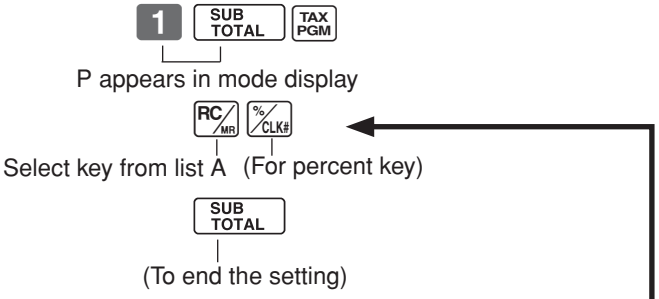
1-5 Status for percent key

1-5-1 To change taxable status for the percent key

The percent key is initialized as Non-taxable.

Example

Change Percent key registration as a Taxable status 1.

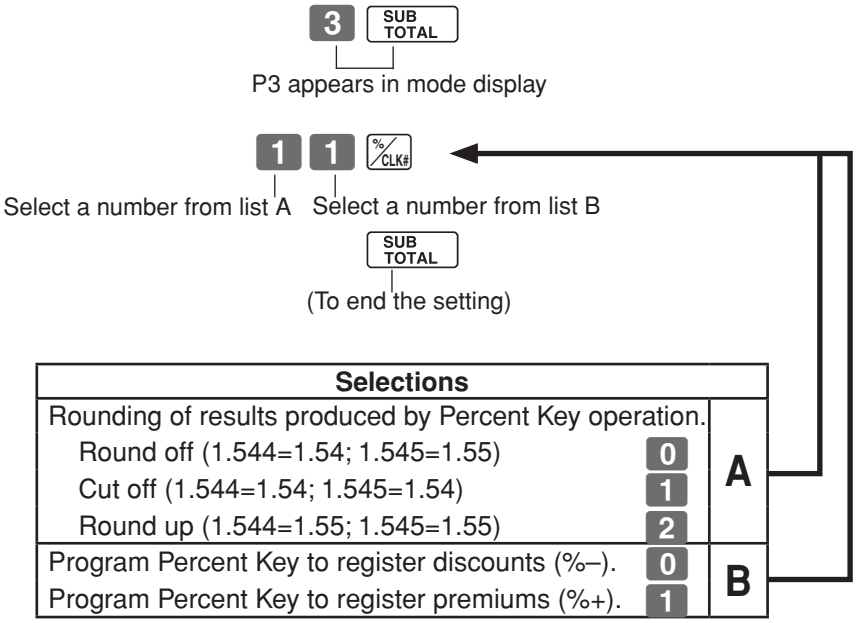


Selections		
Taxable status 1	RC/MR	A
Taxable status 2	PD	
Taxable status 3	X/DATE TIME	
Taxable status 4	CH	
All taxable status (1, 2, 3 and 4)	RC/MR PD	
Non-taxable status	CHK/NS	

1-5-2 Status for percent key

Example

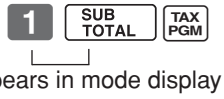
Round	Up
Percent	%+



Selections		
Rounding of results produced by Percent Key operation.		A
Round off (1.544=1.54; 1.545=1.55)	0	
Cut off (1.544=1.54; 1.545=1.54)	1	
Round up (1.544=1.55; 1.545=1.55)	2	
Program Percent Key to register discounts (%–).	0	B
Program Percent Key to register premiums (%+).	1	

1-6 Taxable Status for minus key

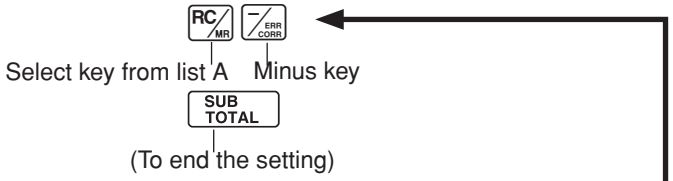
The minus key is initialized as Non-taxable.



Example :

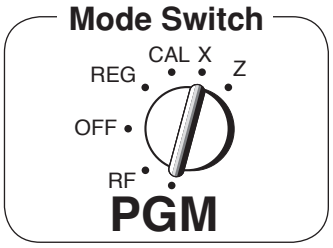
Change minus key registrations as a

Taxable status 1.



Selections		
Taxable status 1	RC/MR	A
Taxable status 2	PD	
Taxable status 3	×/DATE TIME	
Taxable status 4	CH	
All taxable status (1, 2, 3 and 4)	RC/MR PD	
Non-taxable status	CHK/NS	

1-7 General features



1-7-1 To set general controls

3 SUB TOTAL
P3 appears in mode display

0 6 2 2 SUB TOTAL
Program code No.

0 0 0 0 = CA/AMT TEND
SUB TOTAL
(To end the setting)

Select a number from list A
Select a number from list B
Select a number from list C
Select a number from list D

A

Selections			
Limit the last 2 digits of total amount to 00 and 50 when Danish rounding is specified for subtotal and total amount.	Key catch tone.		
Yes		No	0
		Yes	2
No		No	4
		Yes	6

B

Selections			
Maintain key buffer during receipt issue in REG mode.	Reset the consecutive number to zero whenever a Daily Reset Report is issued.	Allow credit balance registration.	
No	Yes	Yes	0
		No	1
	No	Yes	2
		No	3
Yes	Yes	Yes	4
		No	5
	No	Yes	6
		No	7

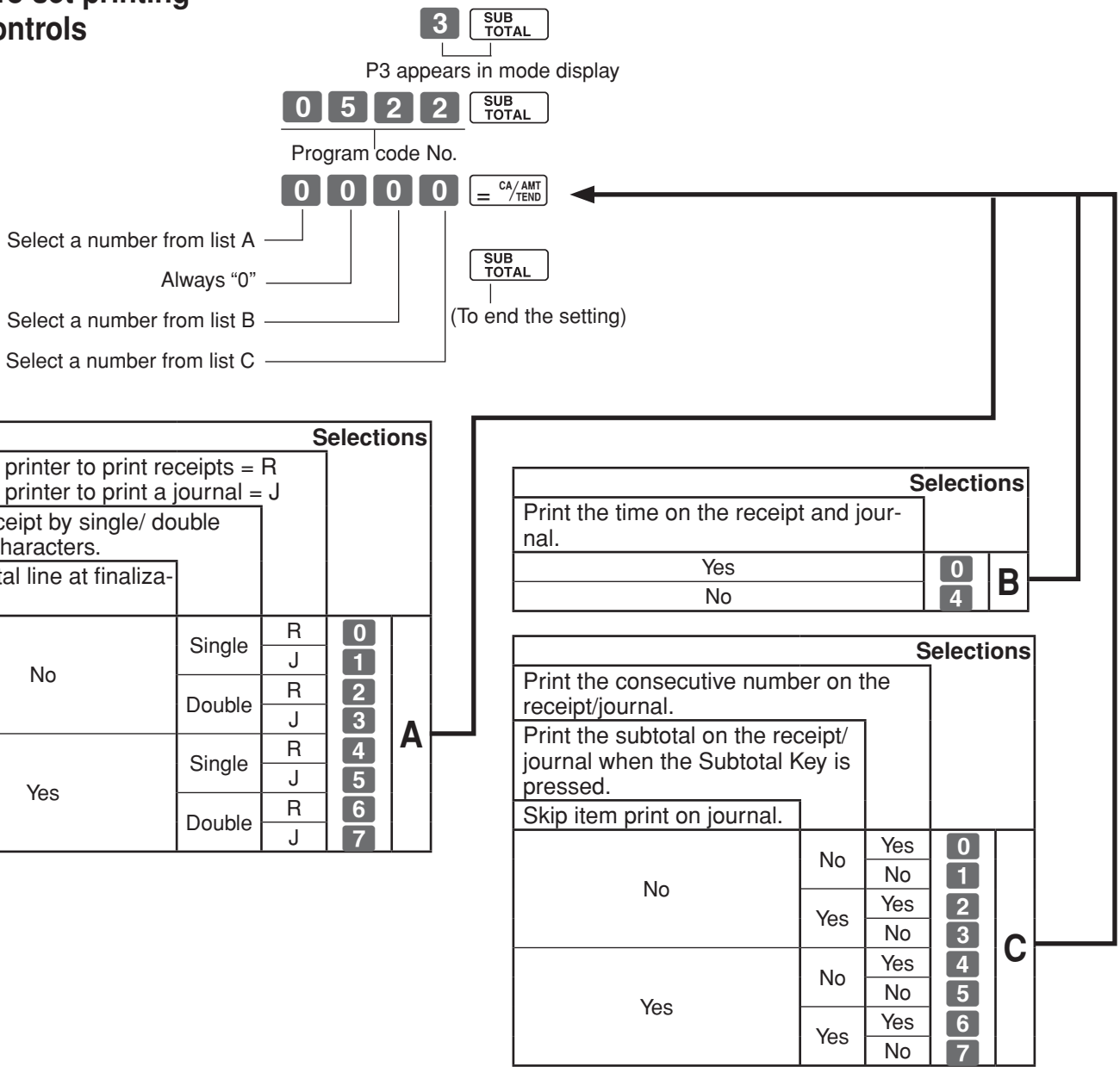
C

Selections			
Time displays with second.	Allow split cash amount tendered.	Allow split check amount tendered.	
Yes	Yes	No	0
		Yes	1
	No	No	2
		Yes	3
No	Yes	No	4
		Yes	5
	No	No	6
		Yes	7

D

Selections			
Use the 00 key as a 000 key.	Cashier assignment systems (sign on) is used.	Limit the last 1 digit of total amount to 0 and 5 when Malaysian rounding is specified for subtotal and total amount.	
No	No	No	0
		Yes	1
	Yes	No	2
		Yes	3
Yes	No	No	4
		Yes	5
	Yes	No	6
		Yes	7

1-7-2 To set printing controls

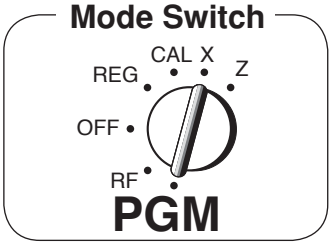


Selections				
Use the printer to print receipts = R Use the printer to print a journal = J				
Print receipt by single/ double height characters.				
Print Total line at finalization				
No	Single	R	0	A
		J	1	
	Double	R	2	
		J	3	
Yes	Single	R	4	
		J	5	
	Double	R	6	
		J	7	

Selections		
Print the time on the receipt and journal.		
Yes	0	B
No	4	

Selections				
Print the consecutive number on the receipt/journal.				
Print the subtotal on the receipt/ journal when the Subtotal Key is pressed.				
Skip item print on journal.				
No	No	Yes	0	C
		No	1	
	Yes	Yes	2	
		No	3	
Yes	No	Yes	4	
		No	5	
	Yes	Yes	6	
		No	7	

1-7-3 To set report printing controls



3 SUB TOTAL
P3 appears in mode display
0 8 2 2 SUB TOTAL
Program code No.
0 0 0 = CA/AMT TEND
Select a number from list A
Select a number from list B
Select a number from list C
SUB TOTAL
(To end the setting)

Selections		
Clear electronic journal memory after Daily Reset Report.		
Yes	0	A
No	1	

Selections		
Print RF switch mode refund count/ amount on the Daily Read/Reset Reports.		
Yes	0	B
No	1	

Selections			
Print zero-total line on the Read/Reset Reports			
Print the grand sales total on the Reset Reports.			
Yes	No	0	C
	Yes	1	
No	No	2	
	Yes	3	

1-7-4 Printer switch for Receipt or Journal

The printer is initialized as receipt.

Example
To print a journal

1 SUB TOTAL
P appears in mode display
1 CH
Select a number from list A

Selections		
Use the printer to print receipts.	0	A
Use the printer to print a journal.	1	

- Printer selection to print a journal or receipts can also be set on procedures 1-7-2 “To set printing controls”.

1-7-5 Receipt printing character/ key catch tone

1 SUB TOTAL
P appears in mode display
1 0 2 0 0 SUB TOTAL
1 = CA/AMT TEND

Selections		
Print receipt with single height.	0	A
Print receipt with double height.	1	

1 0 8 0 0 SUB TOTAL
1 = CA/AMT TEND

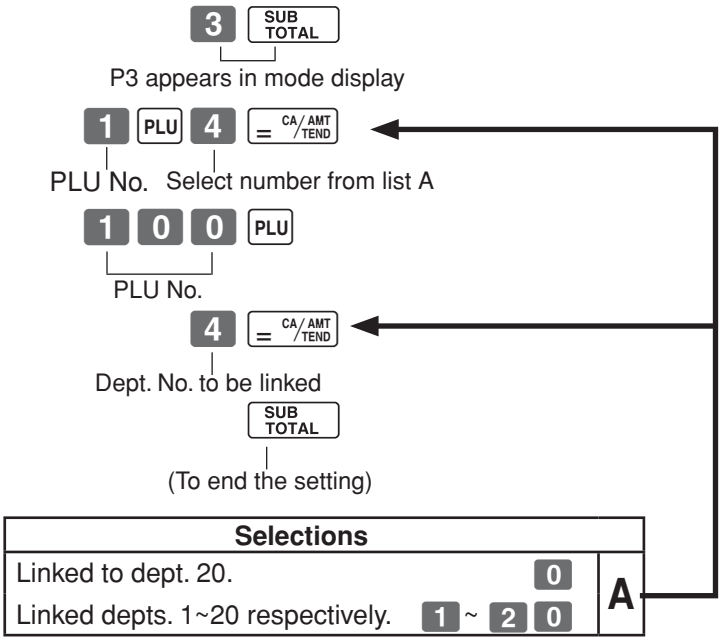
Selections		
Key catch tone	0	B
No key catch tone	1	

1-8 PLU setting

1-8-1 Linkage with Departments

Example

PLU No.	1	100
Link dept. No.	4	4

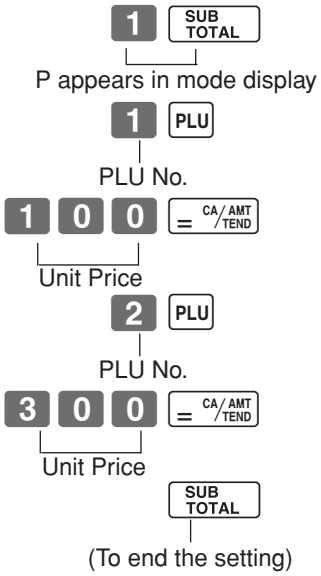


- 500 PLUs can be set.
- When the linked department is not specified, the PLU is linked to department 20.
- Status for a single-item sale and tax status are followed the specified linked department.

1-8-2 Unit Prices for PLUs

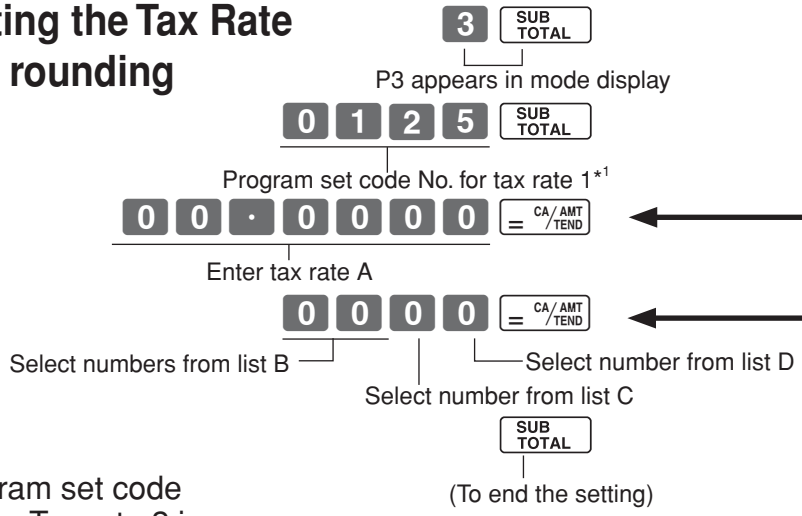
Example

PLU No.	1	2
Unit Price	$1.00	$3.00



- Unit prices within the range of $0.01~9999.99.

1-9 Setting the Tax Rate and rounding



*1 Program set code No. for Tax rate 2 is 0 2 2 5
Tax rate 3 is 0 3 2 5
Tax rate 4 is 0 4 2 5.

- You can use either an add-on rate tax or an add-in rate tax (VAT), depending on the requirements in your area. You can specify only one tax rate.
- The normal rounding specification tells the cash register how to round tax amounts to the proper number of decimal places.
- The special rounding specification and Danish rounding tell the cash register how to round off subtotals and totals so that their rightmost 2 digits are 00 and 50.
- Note that the rounding specification you program for your cash register depends on the tax laws of your country.

Tax rate specifications	
The tax rate within the range of 0.0001 ~ 99.9999%. Use · key for decimal point.	A

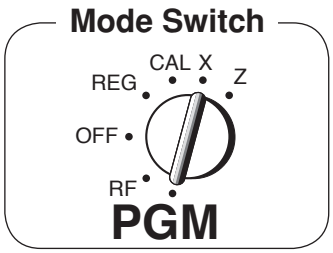
Normal rounding specifications		
Cut off to 2 decimal places. (1.544=1.54; 1.545=1.54)	0 0	B
Round off to 2 decimal places. (1.544=1.54; 1.545=1.55)	5 0	
Round up to 2 decimal places. (1.544=1.55; 1.545=1.55)	9 0	

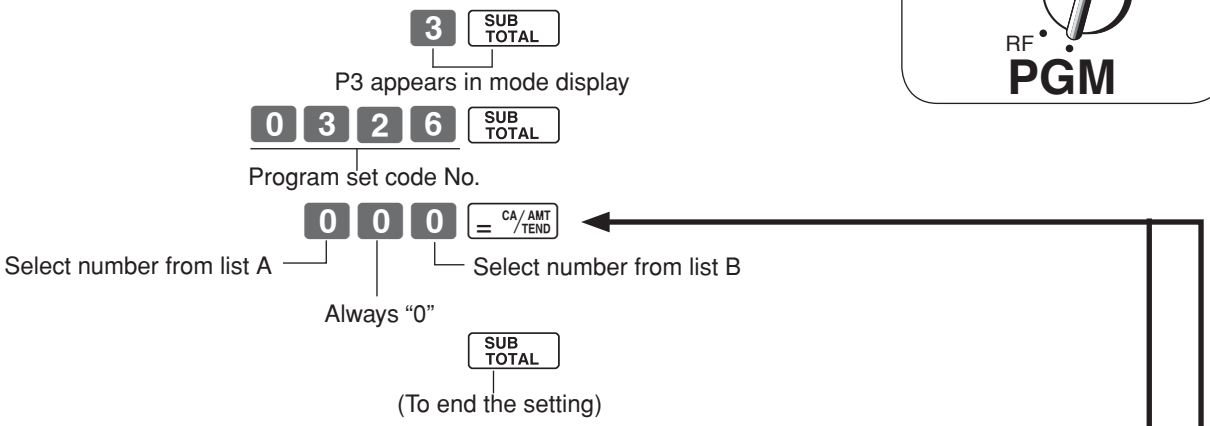
Special rounding specifications for subtotal and total amounts		
No specifications	0	C
Special rounding 1: 0 ~ 2 → 0; 3 ~ 7 → 5; 8 ~ 9 → 10 Examples: 1.21=1.20; 1.26=1.25; 1.28=1.30	1	
Special rounding 2: 0 ~ 4 → 0; 5 ~ 9 → 10 Examples: 1.123=1.120; 1.525=1.530	2	
Danish rounding *2: 0 ~ 24 → 0; 25 ~74 → 50; 75 ~ 100 → 100 (set the amount tender restriction on page 23 also) Examples: 1.11=1.00; 1.39=1.50;1.99=2.00	3	
Malaysian rounding: 0 ~ 2 → 0; 3 ~ 7 → 5; 8 ~ 9 → 10 (set the amount tender restriction on page 23 also) Examples: 1.21=1.20; 1.26=1.25; 1.28=1.30	5	
Scandinavian rounding: 0~ 24 → 0; 25 ~ 74 → 50; 75 ~ 99 → 100 Examples: 1.21=1.00; 1.30=1.50; 1.87=2.00	6	
Australian rounding (only for tax rate 1) 0 ~ 2 → 0; 3 ~ 7 → 5; 8 ~ 9 → 10 Examples: 1.21=1.20; 1.26=1.25; 1.28=1.30	7	
Czech rounding: 0 ~ 49 → 00; 50 ~ 99 → 100 Examples: 1.23=1.00; 1.52=2.00	8	

Normal rounding specifications		
No specifications.	0	D
Specifies add-on rate tax.	2	
Specifies add-in rate tax (VAT).	3	

See page 20 (department key), 21 (percent key), 22 (minus key) to change the fixed tax status.
*2: In case of defining Danish rounding, the Euro should be set to the sub currency and the local to the main currency.

1-10 To control Tax Status printing

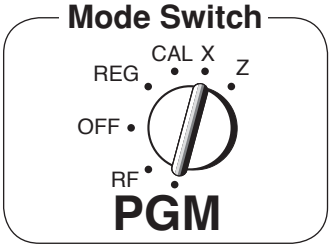




		Selections	
Print tax total line (only for Australia). Print tax symbol.			
No	No	0	A
	Yes	1	
Yes	No	2	
	Yes	3	

		Selections	
Print taxable amount. Print taxable amount and tax amount for Add-in.			
No	No	0	B
	Yes	1	
Yes	No	2	
	Yes	3	

1-11 To program department, PLU, clerk name, receipt message



1-11-1 Simple character list fror HELP

You can set department and PLU name by using a simple character list fror HELP

1-1. Issue category list.

1 2 HELP

```
112:ARTICLE SALE
212:BOOK, STATIONARY
312:ELECTRONIC GOODS
412:DRESSING
512:SERVICE
612:PHARMACY
712:FOODSTUFFS
812:MEAL
912:OTHER
```

} Categories

1-2. Issue category list.

4 1 2 HELP

```
DRESSING
401:JEWELRY
402:CLOTHING
403:UMBRELLA
404:SHOES
 :   :
 :   :

428:SCARF
```

2-1. Programming department name.

Example

Department	2	8
Name	JEWELRY	SHOES
Character code	401	404

2 SUB TOTAL

P2 appears in mode display

4 0 1 -2 (7/12/17)

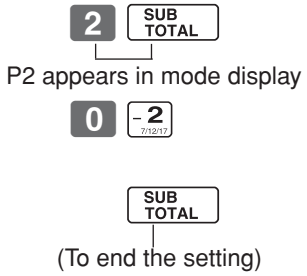
4 0 4 #/DEPT SHIFT ×3 (8/13/18)

SUB TOTAL

(To end the setting)

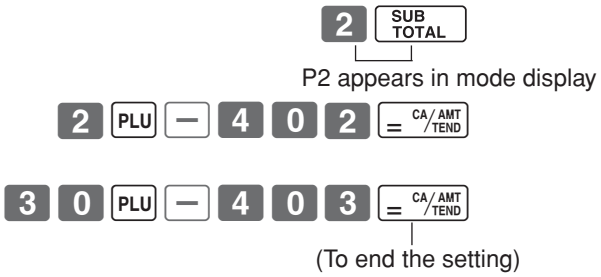
2-2. Reset department name.

Department	2
Name	DEPT01
Character code	0



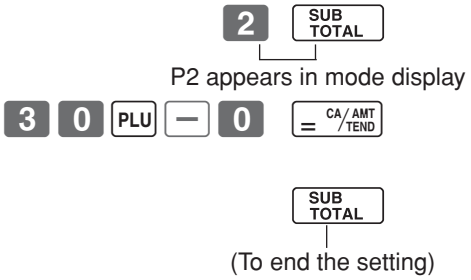
2-3. Programming department PLU

PLU(1-1200)	2	30
Name	CLOTHING	UMBRELLA
Character code	402	403



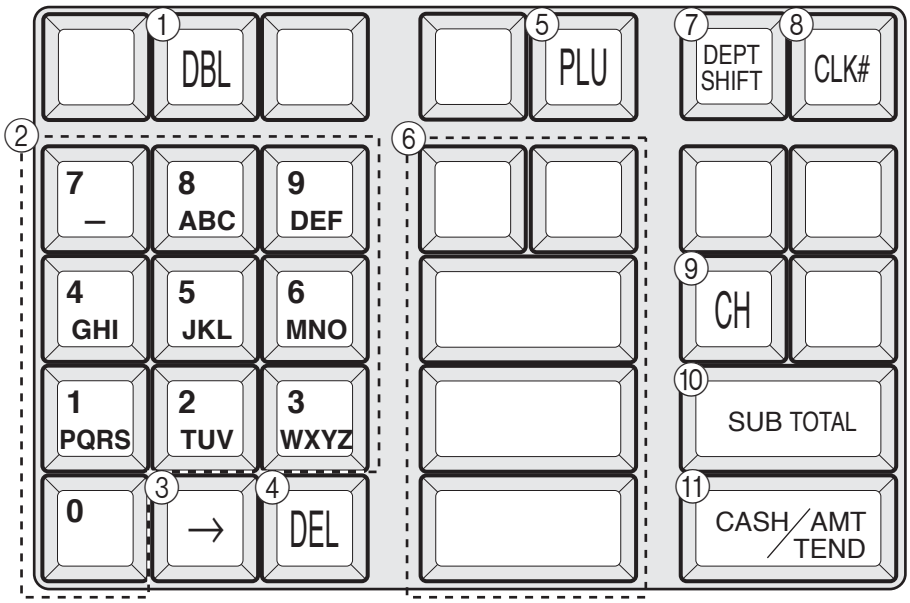
2-4. Reset PLU name.

PLU(1-1200)	30
Name	PLU0030
Character code	0



1-11-2 Character keyboard

In the PGM 2 mode, the keyboard becomes character setting keyboard illustrated below after specifying a department, a PLU, or a clerk.



① Double size key
Use this key to specify the next character to a double sized character. You must press this key before each double sized character.

② Alphabet keys
Use these keys to input characters. Refer to the next page to enter characters.

③ Right arrow key
Use this key to input the character located on the same alphabet key. This key is also used for inputting a space.

④ Delete key
Use this key to delete character just entered.

⑤ PLU key
Use this key to input PLU code.

⑥ Department keys
Use this key to specify department.

⑦ Department shift key
Use this key to shift department.

⑧ Clerk number key
Use this key to input clerk number.

⑨ Receipt message number key (CH key).
Use this key to program receipt message.

⑩ Program end key (SUB TOTAL key)
Use this key to terminate character programming.

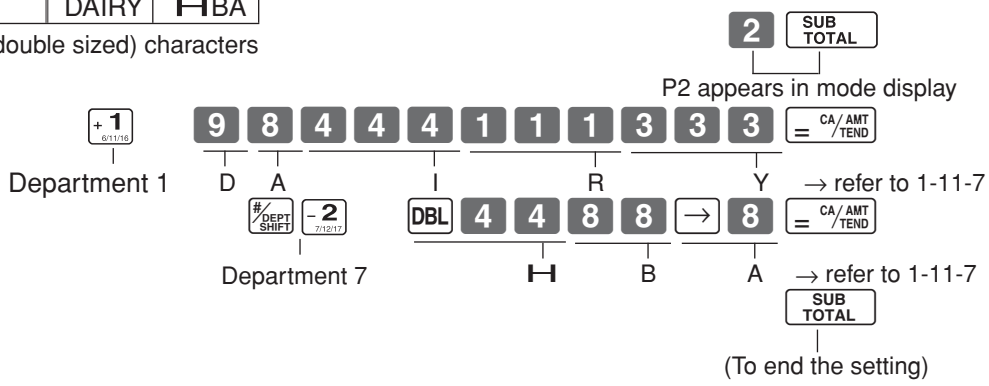
⑪ Character program key (= CA/AMT TEND key)
Use this key to program the PLU / clerk characters just entered before.

1-11-3 Programming department name

Example

Department	1	7
Name	DAIRY	⊢BA

up to 8 (4 double sized) characters

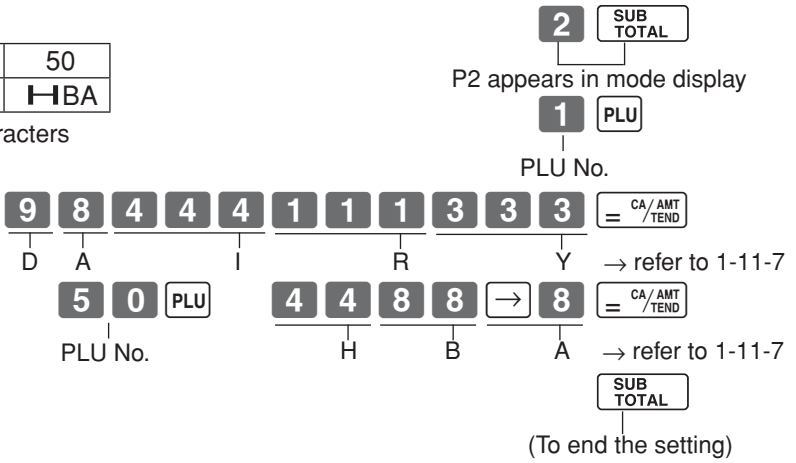


1-11-4 Programming PLU name

Example

PLU (1 ~ 500)	1	50
Name	DAIRY	HBA

up to 8 (4 double sized) characters

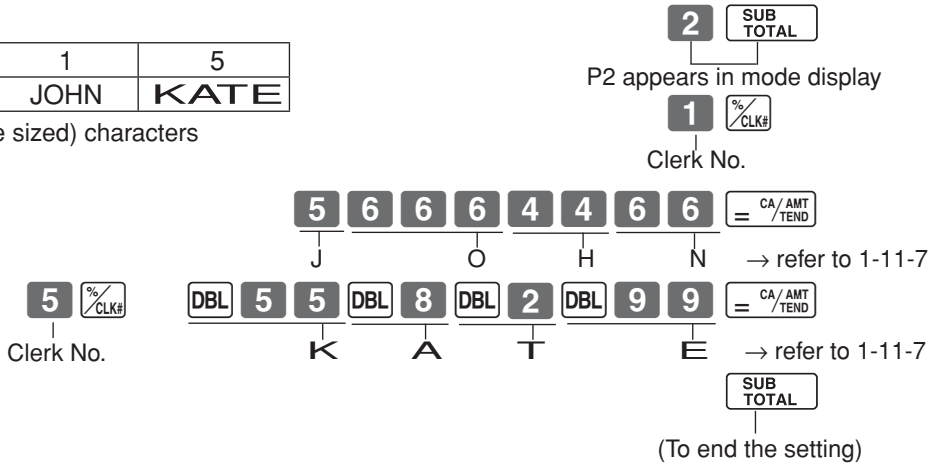


1-11-5 Programming clerk name

Example

Clerk (1~ 8)	1	5
Name	JOHN	KATE

up to 8 (4 double sized) characters

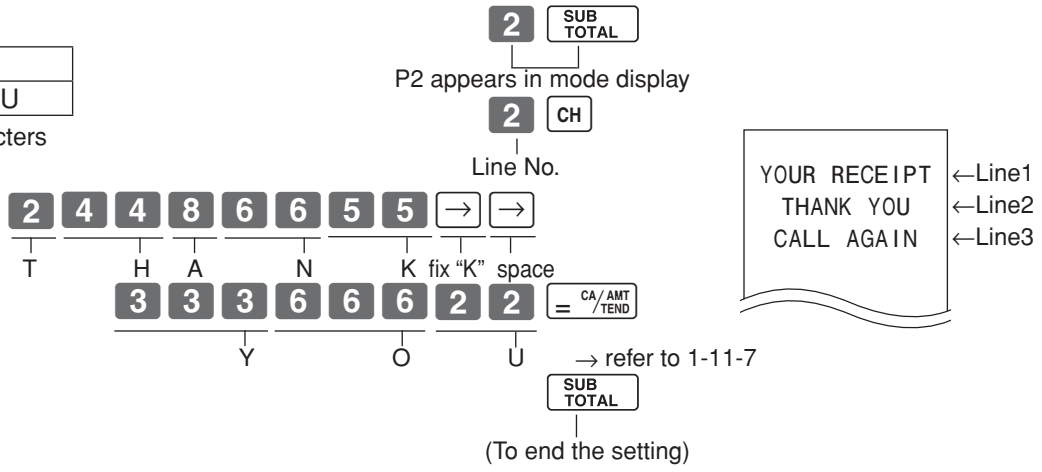


1-11-6 Programming receipt message

Example

Line (1 ~ 5)	2
Message	THANK YOU

up to 24 (12 double sized) characters



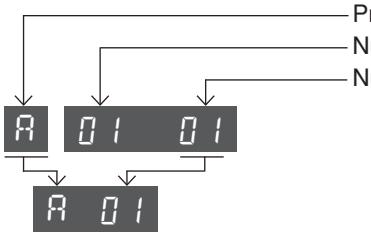
1-11-7 Alphabetical order

Characters are assigned to each numeric key. You can enter “A” by pressing **8** once, “B” twice, “C” three times …
The following tables indicate character assignment and the depression numbers of the key to enter the appropriate character.

A, B, C, a, b, c, 8, … **8** key	: A 01 → B 02 → C 03 → a 04 → b 05 → c 06 → 8 07 → → Ä 08 → Å 09 → Æ 10 → Á 11 → Â 12 → À 13 → Ã 14 → → Ç 15 → â 16 → ä 17 → à 18 → å 19 → æ 20 → á 21 → → ã 22 → ç 23 → returns to the beginning
D, E, F, d, e, f, 9, … **9** key	: D 01 → E 02 → F 03 → d 04 → e 05 → f 06 → 9 07 → → Ð 08 → É 09 → Ê 10 → Ë 11 → È 12 → ð 13 → é 14 → → ê 15 → ë 16 → è 17 → ƒ 18 → returns to the beginning
G, H, I, g, h, i, 4, … **4** key	: G 01 → H 02 → I 03 → g 04 → h 05 → i 06 → 4 07 → → Í 08 → Î 09 → I 10 → Ï 11 → Ì 12 → ı 13 → Î 14 → → Ì 15 → í 16 → í 17 → returns to the beginning
J, K, L, j, k, l, 5, **5** key	: J 01 → K 02 → L 03 → j 04 → k 05 → l 06 → 5 07 → → returns to the beginning
M, N, O, m, n, o, 6, … **6** key	: M 01 → N 02 → O 03 → m 04 → n 05 → o 06 → 6 07 → → Ñ 08 → Ö 09 → Ø 10 → Ó 11 → Ô 12 → Ò 13 → Õ 14 → → ñ 15 → ô 16 → ö 17 → ò 18 → ø 19 → ó 20 → õ 21 → → returns to the beginning

P, Q, R, S, p, q, r, s, 1, … **1** key	: P → Q → R → S → p → q → r → → s → 1 → Þ → þ → ß → returns to the beginning
T, U, V, t, u, v, 2, … **2** key	: T → U → V → t → u → v → 2 → → Ü → Û → Û → Ù → ü → û → ù → → ú → µ → returns to the beginning
W, X, Y, Z, w, x, y, z, 3, … **3** key	: W → X → Y → Z → w → x → y → → z → 3 → ý → ÿ → ŷ → returns to the beginning
0 **0** key	: 0 → returns to the beginning
7, Symbols, … **7** key	: 7 → @ → - → / → : → ! → ? → → ˜ → (→) → * → # → + → , → → ^ → ; → < → = → > → $ → ¥ → → % → & → [→] → ' → { → | → → } → · → ” → . → \ → _ → ` → → £ → × → ¿ → ¡ → € → § → space → → returns to the beginning

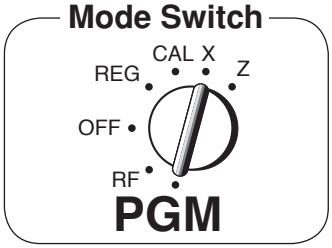
Cf.



1-12 Printing to read All Preset Data

• Printing preset data.

1-12-1 Printing preset data except PLU settings

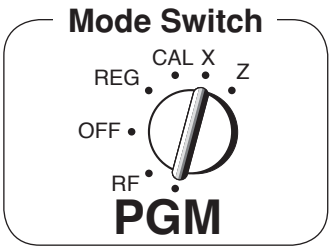


Operation

CA/AMT TEND

Printout

```
DEPT01          T1      @1.00   Dept Name./Unit Price
                           0000   Tax Status/Normal Dept/
DEPT02                  @10.00   Digit Limit/Single Item
                            0000
DEPT20                  @5.00
                            0000

-               T1              Minus/Tax Status
%-(12.34%)      T1              Percent Rate/%+ or %-
                           0000 Tax Status/Percent Key Control
1EUR0                   ·1.29739 Euro Exchange Rate

10200                         0 Date/Monetary Mode Control
10800                         0 Key catch tone Control

0122                       0022 Print Control
0522                       1020 General Control
0622                       0000 Calculation Control
0822                       0000
1022                       0000
0326                       0202 Tax Control
2422                          2 Euro Status

CLERK01                       1
CLERK02                       2
CLERK03                       3
CLERK04                       4
CLERK05                       5
CLERK06                       6
CLERK07                       8

0125
                          4 %  Tax Rate1
                       5003    Rounding specification/
                       0000    Tax System specification
0225
                      5.25 %   Tax Rate 2
                       5003
                       0000

                         01
                                Receipt message
                         02
YOUR RECEIPT
                         07
   TAXABLE SUPPLY
                         08
TAX INVOICE
```



1-12-2 Printing preset PLU settings

Operation **Printout**

1 [= CA/AMT/TEND]

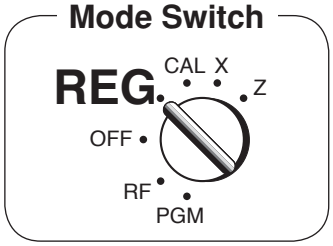
```
PLU0001              @1.00
 #0001                0000
PLU0002              @2.00
 #0002                0002
PLU0003              @3.00
 #0003                0000
PLU0004              @4.00
 #0004                0000
PLU0199          @1,999.00
 #0199                0000
PLU0500            @500.00
 #0500                0000
```

PLU Name/Unit Price

PLU No./Program

Stop printing by [SUB TOTAL] [SUB TOTAL].

2. Various Operations



2-1 Registration using preset price for Departments.

(Programming: See page 20)

Example

Unit Price	$1.00	$2.20	$11.00
Quantity	1	2	4
Depts.	1	2	3
Amount tendered	$50.00		

Operation

1 [+] 6/11/16
2 [−] 7/12/17
2 [−] 7/12/17
4 [X/DATE TIME] 3 [× 8/13/18]
[SUB TOTAL]
5 0 0 0 [= CA/AMT TEND]

Printout

```
08-01-2010          15:30
REG                  0040

DEPT01              ·1.00
DEPT02              ·2.20
DEPT02              ·2.20   — Repeat
     4 X          @11.00    — Multiplication/Unit Price
DEPT03              ·44.00
TOTAL               ·49.40
CASH                ·50.00   — Cash Amount Tendered
CHANGE              ·0.60    — Change
```

2-2 Single-Item Sales

(Programming: See page 21)

Example 1:

Status	Single item sale
Unit Price	$0.50
Quantity	1
Dept.	1

5 0 [+] 6/11/16

```
08-01-2010          15:45
REG                  0041

DEPT01              ·0.50
CASH                ·0.50   — Cash Sales
```

For this example, Dept. 1 is programmed for a single-item-sale.

Example 2:

Status	Normal	Single item sale
Unit Price	$1.00	$0.50
Quantity	1	1
Dept.	2	1

1 0 0 [−] 7/12/17
5 0 [+] 6/11/16
[SUB TOTAL]
[= CA/AMT TEND]

```
08-01-2010          16:00
REG                  0042

DEPT02              ·1.00
DEPT01              ·0.50
CASH                ·1.50   — Cash Sales
```

Single-item sale cannot be finalized if an item is registered previously.

2-3 Check sales

Example

Unit Price	$35.00
Quantity	2
Depts.	4

Operation

3 5 0 0 [÷ 9/14/19]
[÷ 9/14/19]
[SUB TOTAL]
[CHK /NS]

Printout

```
08-01-2010          16:10
REG                  0043

DEPT04              ·35.00
DEPT04              ·35.00
CHECK               ·70.00   — Check Sales
```

2-4 Split cash/ check sales

Example

Unit Price	$30.00	$25.00
Quantity	1	1
Depts.	2	3
Cash amount tendered	$20.00	
Check	$35.00	

3 0 0 0 [-2]
2 5 0 0 [×3]
[SUB TOTAL]
2 0 0 0 [= CA/AMT TEND]
[CHK/NS]

```
08-01-2010          16:15
REG                  0044

DEPT02              ·30.00
DEPT03              ·25.00
TOTAL               ·55.00
CASH                ·20.00
CHECK               ·35.00
```

2-5 Post receipt issuance

You can issue a post receipt after finalizing a transaction by pressing [POST RECEIPT].

Note that all of the following condition must be satisfied:
- Print "receipt" option is selected.
- Paper Saving mode must be "ON".
- The transaction must be finalized in the REG/RF mode using [= CA/AMT TEND], [CH] or [CHK/NS].

Example

Unit Price	$1.00	$2.00
Quantity	1	1
Depts.	1	2
Cash amount tendered	$5.00	

1 0 0 [+1]
2 0 0 [-2]
[SUB TOTAL]
5 0 0 [= CA/AMT TEND]

(Receipt is not issued.)

[POST RECEIPT]

(Receipt is issued.)

Note:

You can issue only one post receipt per transaction.

(Post receipt)

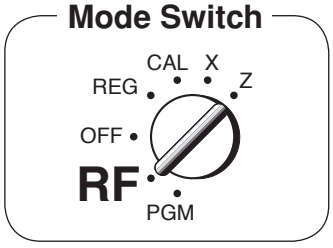
```
08-01-2010          16:25
REG                  0045

DEPT01              ·1.00
DEPT02              ·2.00
TOTAL               ·3.00
CASH                ·5.00
CHANGE              ·2.00
```

If the transaction contains more than 40 lines (including receipt header), then the total formatted post receipt is issued.

(Total formatted post receipt)

```
08-01-2010          16:25
REG                  0045

CASH                ·3.00
```

2-6 Refund



Operation **Printout**

Example

Unit Price	$1.00	$2.00
Quantity	1	1
Depts.	2	3

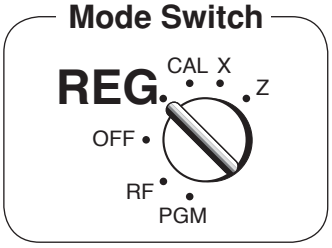
1 0 0 [-2]
2 0 0 [×3]
[SUB TOTAL]
[= CA/AMT TEND]

```
08-01-2010          16:55
RF                   0050

DEPT02              ·1.00
DEPT03              ·2.00
CASH                ·3.00
```

Refund Mode Indicator

After you finish RF mode operation, be sure to return the Mode Switch to the REG (register) setting.

2-7 PLU operation



2-7-1 PLU registration

(Programming: See page 26)

Example

PLU No.	1	2
Unit Price	$1.00	$2.00
Quantity	2	4
Depts.	1	1
Cash amount tendered	$10.00	

Operation

1 PLU
PLU
4 ×/DATE TIME
2 PLU
1 0 0 0 =/CA/AMT TEND

Printout

```
08-01-2010          17:00
REG                  0051

PLU0001             ·1.00
PLU0001             ·1.00   — Repeat
     4 X           @2.00    — Multiplication
PLU0002             ·8.00   — Preset Unit Price
TOTAL              ·10.00
CASH               ·10.00   — Cash Amount Tendered
CHANGE              ·0.00
```

2-7-2 PLU Single-Item Sale

(Programming: See page 26)

Example

PLU No.	1
Status	Single item sale
Unit Price	$1.00
Quantity	1

Operation

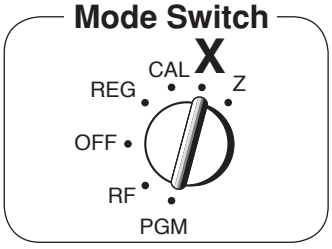
1 PLU

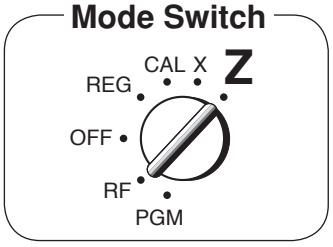
Printout

```
08-01-2010          17:10
REG                  0052

PLU0001             ·1.00
CASH               ·1.00
```

- For this example, linked department 1 is programmed for a single-item-sale.
- Single-item sale cannot be finalized if an item is registered previously.

2-7-3 PLU report





Operation

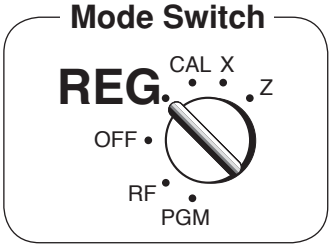
1 =/CA/AMT TEND
(Read)

1 =/CA/AMT TEND
(Reset)

Printout

```
08-01-2010          17:20
Z                    0055

0001 PLU          Z 0001   — Reset Counter
PLU0001          QT   12   — PLU Name/No. of items
                 ·12.00    — Amount
PLU0002          QT   27
                 ·27.00
PLU0500          QT
                ·180.00
-----------------------
TOTAL            QT 1284   — PLU total count
                ·10856.89  — PLU total amount
```

2-8 Other registrations

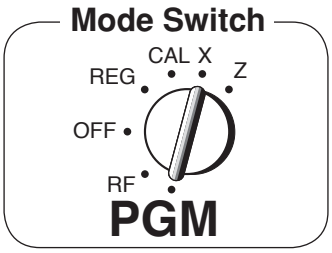


2-8-1 Reading the Time and Date

Operation **Display**

Operation	Display	
[×/DATE TIME]	13-53	Hour/Minute
[×/DATE TIME]	08-01-10	Day/Month/Year (Default : depends upon date order)
[AC C]	0.00	

• Flashes per second



Adjusting the Time

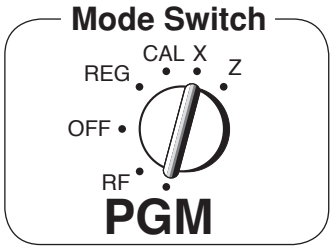
Operation **Display**

• Turn the Mode Switch to PGM.

Example
Current time = 13:58

Operation	Display
[1] [SUB TOTAL]	P 0.00
[1] [3] [5] [8] [×/DATE TIME] (Current Time: Hour Minute)	13-58 02
[AC C]	P 0.00

• Enter current time in 24 hour system.



Adjusting the Date

Operation **Display**

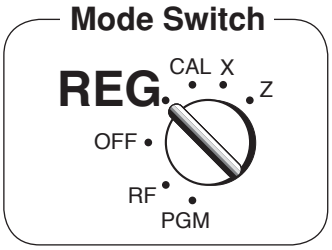
• Turn the Mode Switch to PGM.

Example
Current date = 8, January 2010

Operation	Display
[1] [SUB TOTAL]	P 0.00
[0] [8] [0] [1] [1] [0] [×/DATE TIME] (Current date: Day Month Year)	08-01-10
[AC C]	P 0.00

• Enter current date in 6 digits.
• Enter the last 2 digits for year set. (2010 → 10)

• If you have changed the date order (refer to page 12), enter date of that order.



2-8-2 Paid out from cash in drawer

Operation

1 2 3 4
5 6 7 8 #/DEPT SHIFT

Enter reference No.

1 0 0 0 PD

Printout

```
#                  12345678   Reference Number
08-01-2010           17:20
REG                   0057
PD                  ·10.00   Paid Out Amount
```

2-8-3 Cash received on account

Operation

6 0 0 RC/MR

Printout

```
08-01-2010           17:25
REG                   0058   Received On Account Amount

RC                   ·6.00
```

2-8-4 Registering identification numbers

Operation

A reference number or ID number of up to 8 digits can be registered prior to any transaction.

5 0 +1
1 2 3 4
5 6 7 8 #/DEPT SHIFT
= CA/AMT TEND

Printout

```
08-01-2010           17:35
REG                   0059

DEPT01               ·0.50
#                  12345678   Reference Number or ID No.
CASH                ·0.50
```

2-8-5 Reduction on subtotal

Operation

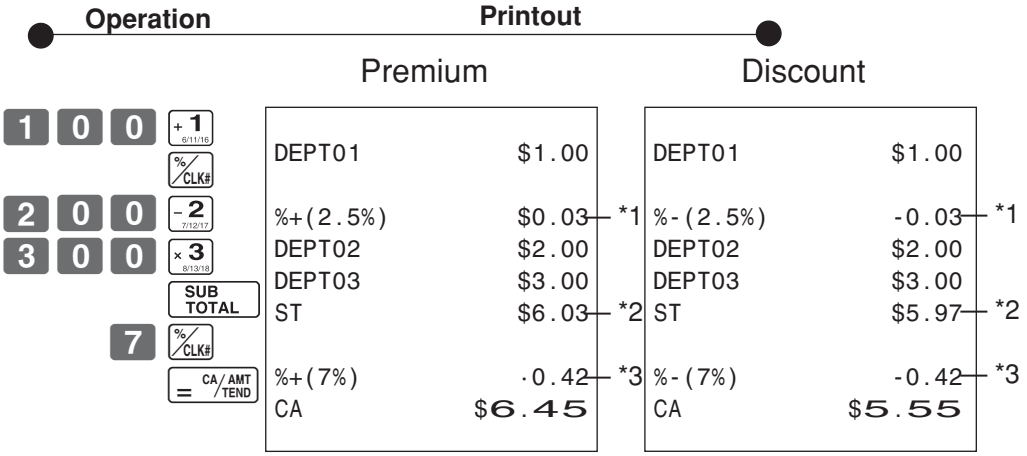
Example:
Amount due reduced by $0.50.

1 0 0 +1
2 0 0 ÷4
SUB TOTAL
5 0 −/ERR CORR
= CA/AMT TEND

Printout

```
08-01-2010           17:45
REG                   0060

DEPT01               ·1.00
DEPT04               ·2.00
-                    -0.50
CASH                ·2.50
```

2-8-6 Premium/ Discount



- 2.5% premium/discount (programmed to [%] key) applied to first item.
- 7% premium/discount applied to transaction total.
- For programming the [%] key as percent minus or percent plus, see page 22.
- For programming percent rate, see page 20.

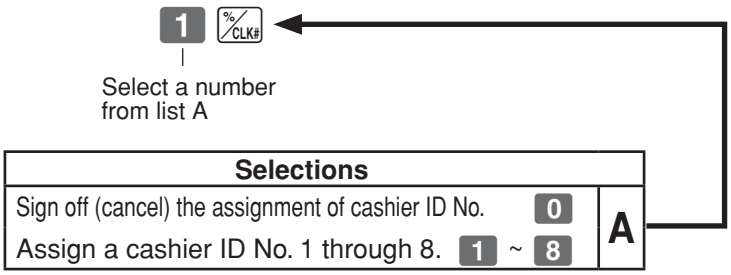
*1 Premium/Discount Rate
Premium/Discount Amount
*2 Subtotal
*3 Premium/Discount Rate
Premium/Discount Amount

2-9 Cashier Assignment

(Programming: See page 23)

Mode Switch
In any mode
REG, RF, CAL,
X or Z,
except PGM

Cashier assignment system is used to control each cashier (or clerk) sales total. When you select this function on page 23, you can get 8 cashiers (or clerk) sales data.
Cashier assignment must be performed prior to starting registration or any other operation, except Program mode.



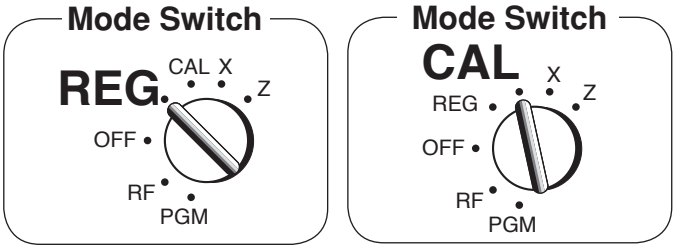
- Currently assigned cashier (or clerk) ID number is printed on the receipt or journal for each transaction.
- The assigned clerk memory number is automatically signed off when the mode key is set to OFF position.
- The assigned cashier (or clerk) sales totals with ID number are printed on the receipt or journal when you perform daily X/Z sales report.

Part 3

CALCULATOR FUNCTION

1. Calculator Mode

While registering at REG mode, you can switch to CAL mode and then return to REG mode to resume the registration.



1-1 Calculation examples

Operation / Display

[AC c] → 0.

5 [+1] 1 [AC c]

(Miss operation)

(Cancels item entered.)

5+3–2= → 5 [+1] 3 [−2] 2 [= CA/AMT TEND] → 6.

(23–56)×78= → 2 3 [−2] 5 6 [×3] 7 8 [= CA/AMT TEND] → -2574.

(4×3–6)÷3.5+8= → 4 [×3] 3 [−2] 6 [÷4] 3 · 5 [+1] 8 [= CA/AMT TEND] → 9.714

12% on 1500 → 1 5 0 0 [×3] 1 2 [% CLK#] → 180.

1-2 Memory recall

Recalls the current amount onto the display.
- during registration: current subtotal
- registration has been completed: the last amount

Operation / Display

On REG mode

1 0 00 [+1 6/11/16] 2 0 00 [−2 7/12/17]

On CAL mode

Example:
Divide the current subtotal $30.00 at REG mode by 3 (to divide the bill between 3 people).

[RC MR] [÷4] 3 [= CA/AMT TEND] → 10.

Memory recall

Recalls the current result by pressing [RC MR] key at CAL mode on the display.

Operation / Printout

On REG mode

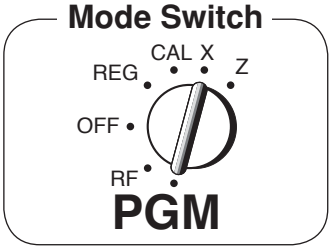
[RC MR] [= CA/AMT TEND]
[RC MR] [= CA/AMT TEND]
[RC MR] [= CA/AMT TEND]

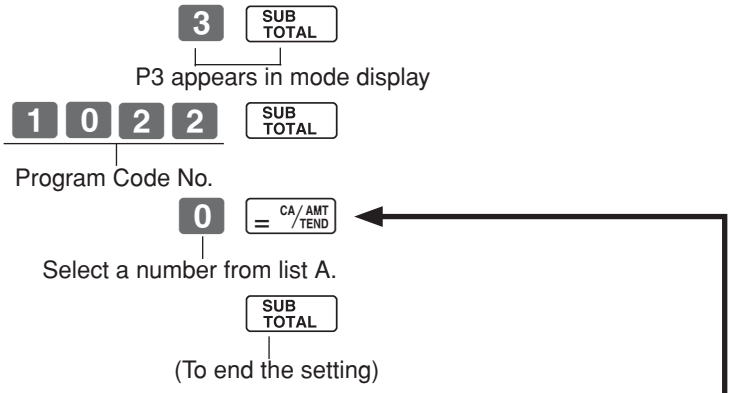
Memory recall

Example:
Recall the current result at CAL mode during registration, and register the cash amount due for each person.

```
DEPT01          ·10.00
DEPT02          ·10.00
TOTAL           ·30.00
CA              ·10.00
CA              ·10.00
CA              ·10.00
CG               ·0.00
```

1-3 Setting for calculator operation





Selections				
Open drawer whenever = CA/AMT TEND is pressed.*				
Open drawer whenever CHK /NS is pressed.*				
Print No. of Equal key operations on General Control X and Z reports.				
Yes	No	No	0	A
		Yes	1	
	Yes	No	2	
		Yes	3	
No	No	No	4	
		Yes	5	
	Yes	No	6	
		Yes	7	

*Drawer does not open during registration procedures even if you press = CA/AMT TEND or CHK /NS by turning the mode switch to CAL position.

Part 4 USEFUL INFORMATION

1. Troubleshooting

1-1 If the following things happen

	Symptom/Problem	Most common causes	Solutions
1	**E01** appears on the display.	Changing modes without completing transaction.	Return mode switch to where it stops buzzing and press [=] [CA/AMT/TEND].
2	**E08** appears on the display.	Sign on operation is not performed.	Prior to starting registration of any other operation, press [1] ~ [8] and then [%/CLK#].
3	**E10** appears on the display.	Printer head (platen arm) is opened or no papaer roll.	Close the platen arm firmly or enter paper roll.
4	**E90** appears on the display.	Totals remain in the memory.	Issue the general control reset report, periodic reset report and PLU reset report.
5	**E81** appears on the display.	Electronic journal memory becomes/ is full.	Issue electronic journal reset report. (refer to page 18)
6	No date on receipt. Paper is not advancing enough.	Printer is programmed as a journal.	Program printer to print receipts.
7	Drawer opens up after ringing up only one time.	Department is programmed as a single item dept.	Program the dept. as a normal dept.
8	Not clearing totals at end of day after taking report.	Using X mode to take out reports.	Use Z mode to take out reports.
9	Programming is lost whenever register is unplugged or there is a power outage.	Bad or no batteries.	Put in new batteries.
10	Register is inoperative. Can't get money out of drawer.	No power.	Pull lever underneath register at rear.

1-2 In case of power failure

If the power supply to the cash register is cut by a power failure or any other reason, simply wait for power to be restored.The details of any ongoing transaction as well as all sales data in memory are protected by the memory backup batteries.

- Power failure during a registration
  The subtotal for items registered up to the power failure is retained in memory.You will be able to continue with the registration when power is restored.
- Power failure during printing a read/reset report
  The data already printed before fhe power failure is retained in memory.You will be able to issue a report when power is restorted.
- Power failure during printing of a receipt and the journal
  Printing will resume after power is restored.A line that was being printed when the power failure occurred is printed in full.
- Other
  The power failure symbol is printed and any item that was being printed when the power failure occurred is reprinted in full.

1-3 When the L sign appears on the display

About the low battery indicator...
The following shows the low battery indicator.

If this indicator appears when you switch the cash register on, it can mean one of three things:
· No memory backup batteries are loaded in the cash register.
· The power of the batteries loaded in the unit is below a ceratain level.
· The batteries loaded in the unit are dead.
To clear this sign, press [AC C] key.

Important!
Whenever the low battery indicator appears on the display, load a set of 2 new batteries as soon as possible. If there is a power failure or you unplug the cash register when this indicator appears, you will lose all of your sales data and settings.

BE SURE TO KEEP THE POWER CORD OF THE CASH REGISTER PLUGGED IN WHENEVER YOU REPLACE THE BATTERIES.

2. Specifications

INPUT METHOD
Entry: 10-key system; Buffer memory 8 keys (2-key roll over)
Display (LED): Amount 8 digits (zero suppression); Department/PLU No.; No. of repeats

PRINTER
Receipt: 12 digits (Amount 10 digits, Symbol 2 digits)
(or Journal) Automatic paper roll winding (journal)
Paper roll: 58 mm × 80 mm ∅ (Max.)

CALCULATIONS
Entry 8 digits; Registration 7 digits; Total 8 digits

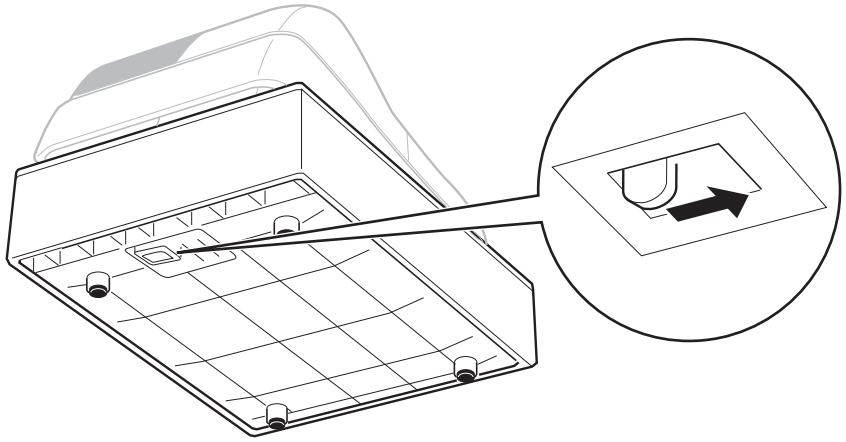
CALCULATOR FUNCTION
8 digits; Arithmetic calculations; Percent calculations

Memory protection batteries:
The effective service life of the memory protection batteries 2 (UM-3, or R6P (SUM-3) type batteries) is approximately one year from installation into the machine.
Power source/Power consumption: See the rating plate.
Operating temperature: 0°C to 40°C (32°F to 104°F)
Humidity: 10 to 90%
Dimensions/Weight: 188 mm(H)× 330 mm(W)× 360 mm(D) with S drawer
4 kg with S drawer
205 mm(H)× 410 mm(W)× 450 mm(D) with M drawer
8 kg with M drawer

Specifications and design are subject to change without notice.

When the cash drawer does not open!

In case of power failure or the machine is in malfunction, the cash drawer does not open automatically. Even in these cases, you can open the cash drawer by pulling drawer release lever (see below).



Important!
The drawer will not open, if it is locked with a drawer lock key.

Laite on liitettävä suojamaadoituskostkettimilla vaurstettuun pistrasiaan
Apparatet må tiloples jordet dtikkontakt
Apparaten skall anslutas till jordat nätuttag

This mark applies in EU countries only.

CE

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Representative within the European Union:
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Please keep all information for future reference.

CASIO

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