Touch Screen Smart Terminal

QT-6000

User's Manual

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Eu Di U.K. CI Canada

CASIO®

Introduction

Congratulations on your selection of a CASIO QT-6000 touch screen smart terminal. This terminal is the product of the world's most advanced electronic technology, for outstanding versatility and reliability.
Simplified operation is made possible by a specially designed touch screen and a wide selection of automated, programmable functions.
A specially designed keyboard layout and a bright, easy-to-read color display help to take the fatigue out of long hours operation.

CE

Casio Europe GmbH
Bornbarch 10, 22848 Norderstedt
Germany

WARNING: This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

Please keep all information for future reference.

GUIDELINES LAID DOWN BY FCC RULES FOR USE OF THE UNIT IN THE U.S.A.
(Not applicable to other areas)

WARNING: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

FCC WARNING: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Apparaten skall anslutas till jordat nätuttag.

NL Batterij niet weggooien, maar inleveren als KCA.

This product Contains Mercury and must be recycled or Deposed of Properly.
Este producto contiene mercurio y debe ser reciclado o eliminado apropiadamente.

The main 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.

In the operation examples contained in this manual, the print and display samples are not actual size. Also, all samples are just images.

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 terminal

Should the terminal 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 terminal and do not allow any foreign matter to get into it. Should water or other foreign matter get into the terminal, immediately shut down the power and unplug the AC plug from the power outlet. Continued use creates the danger of shorting, fire and electric shock.

- Contact CASIO service representative.

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

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

⚠ Warning!

Never try to take the terminal apart or modify it in any way. High-voltage components inside the terminal create the danger of fire and electric shock.
- Contact CASIO service representative for all repair and maintenance.

AC adaptor, Power plug and AC outlet

Use only a proper AC electric outlet (100V~240V) . 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.
Please use the adaptor (ADP820A) specified for this terminal. Use another adaptor may cause fire, electrical shock, or malfunction.

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 terminal if the plug is damaged. Never connect to a power outlet that is loose.

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 shorting, 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 terminal on an unstable or uneven surface. Doing so can cause the terminal — especially when the drawer is open — to fall, creating the danger of malfunction, fire, and electric shock.

Do not place the terminal in the following areas.
- Areas where the terminal 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 shorting 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.

Never touch the printer head and the platen.

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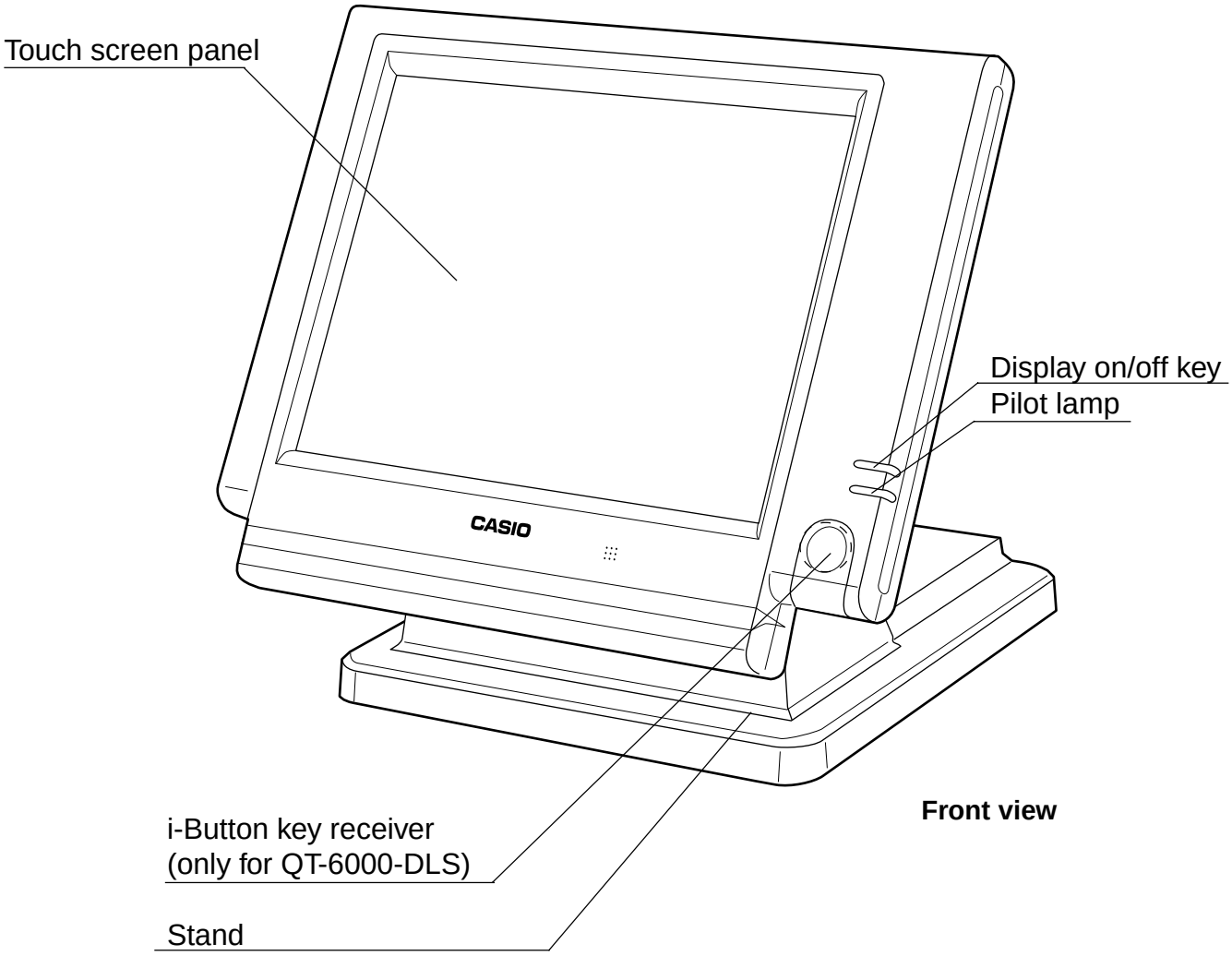
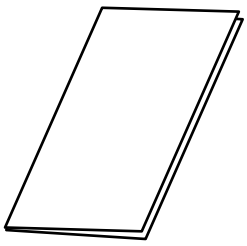
General guide

This part of the manual introduces you to the terminal and provides a general explanation of its various parts.



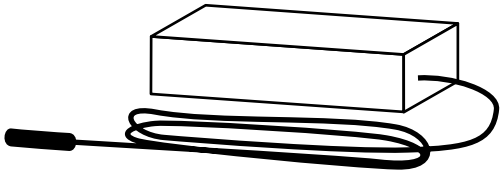
Front view

Accessories

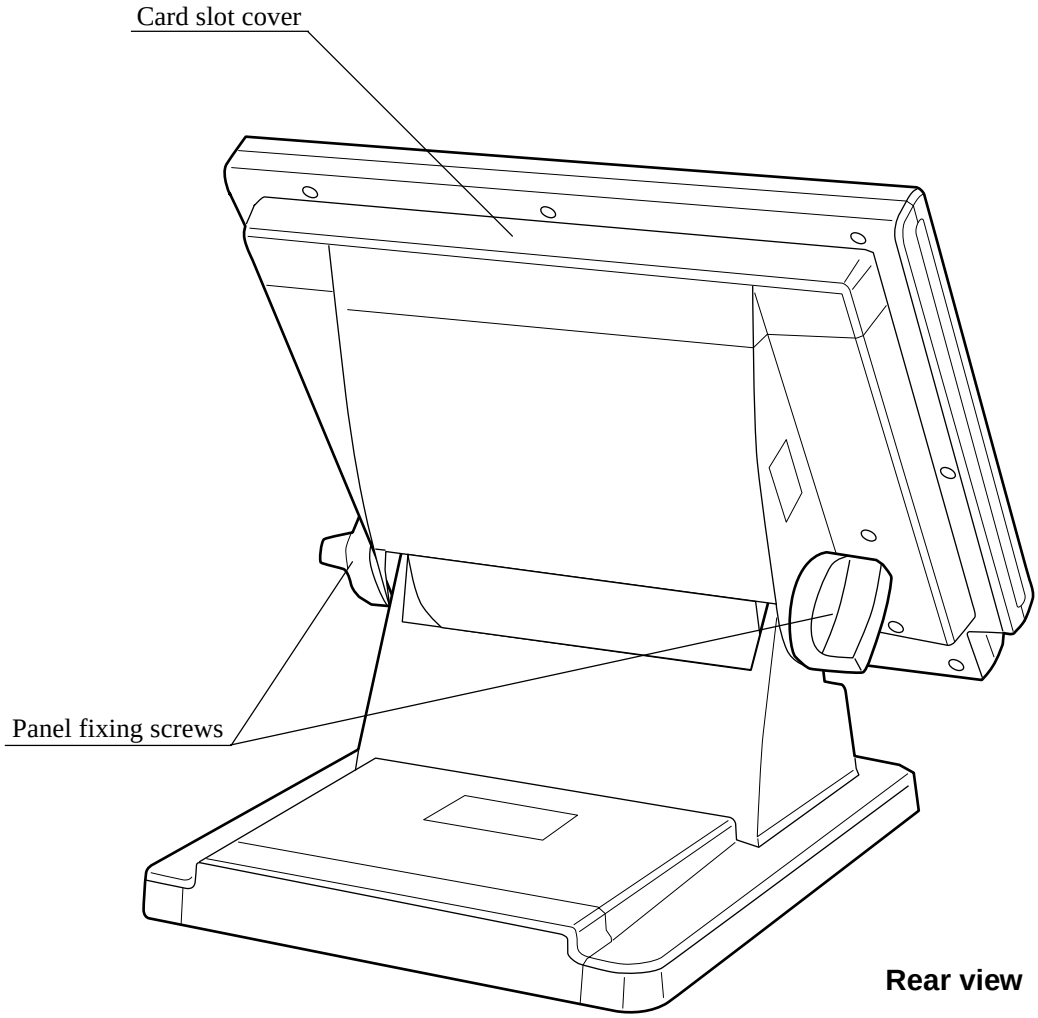


Dust cover

Drawer fixing screws

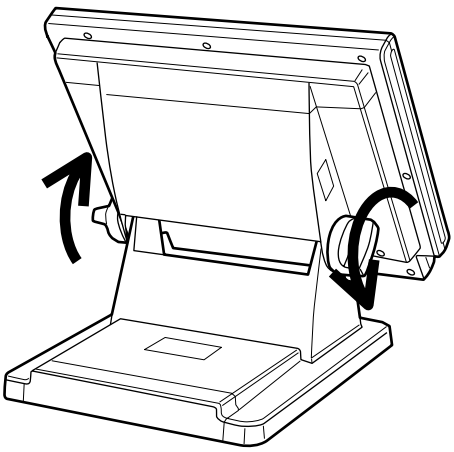


AC adaptor



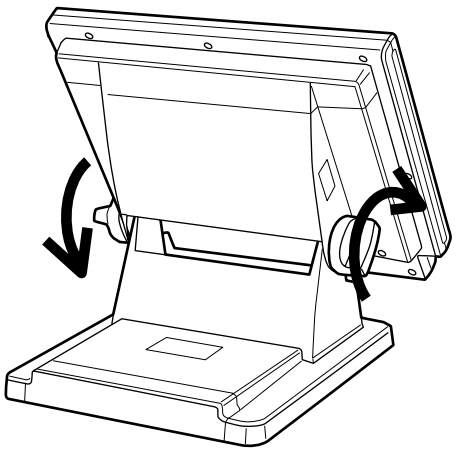
Rear view

Tilt the touch screen panel



1. Loosen the panel fixing screws.
   (Turn the screw more than one round.)

2. Tilt the touch screen panel.



3. Tighten the panel fixing screws.

Important!

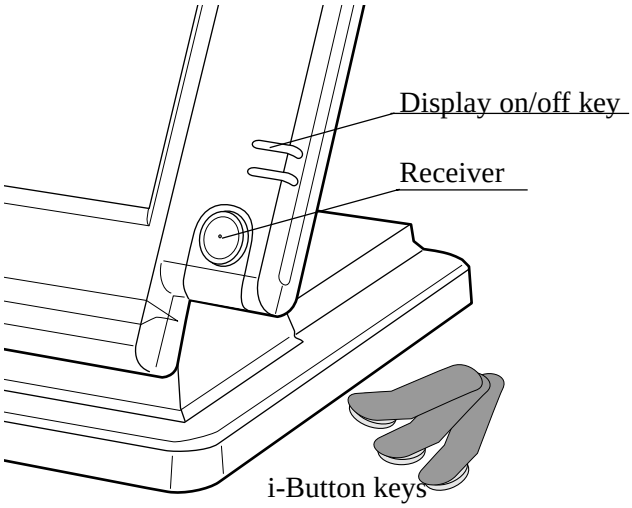
Do not tilt without loosing the screws.

Display on/off key

This key is used for turning on/off the terminal display.

i-Button key (only for QT-6000-DLS)

You can assign the clerk or cashier by attaching an i-Button key to the receiver.



Drawer (option)

The drawer opens automatically whenever you finalize a registration and you issue a read or reset report.

Drawer lock (for medium size drawer)

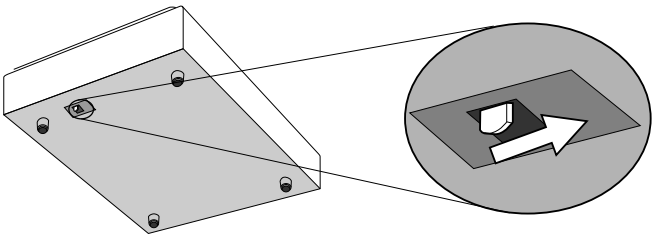
Use the drawer key to lock and unlock the drawer.

Drawer open key (for large size drawer)

Use the drawer open key to open the drawer.

When the cash drawer does not open! (for medium size drawer only)

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!

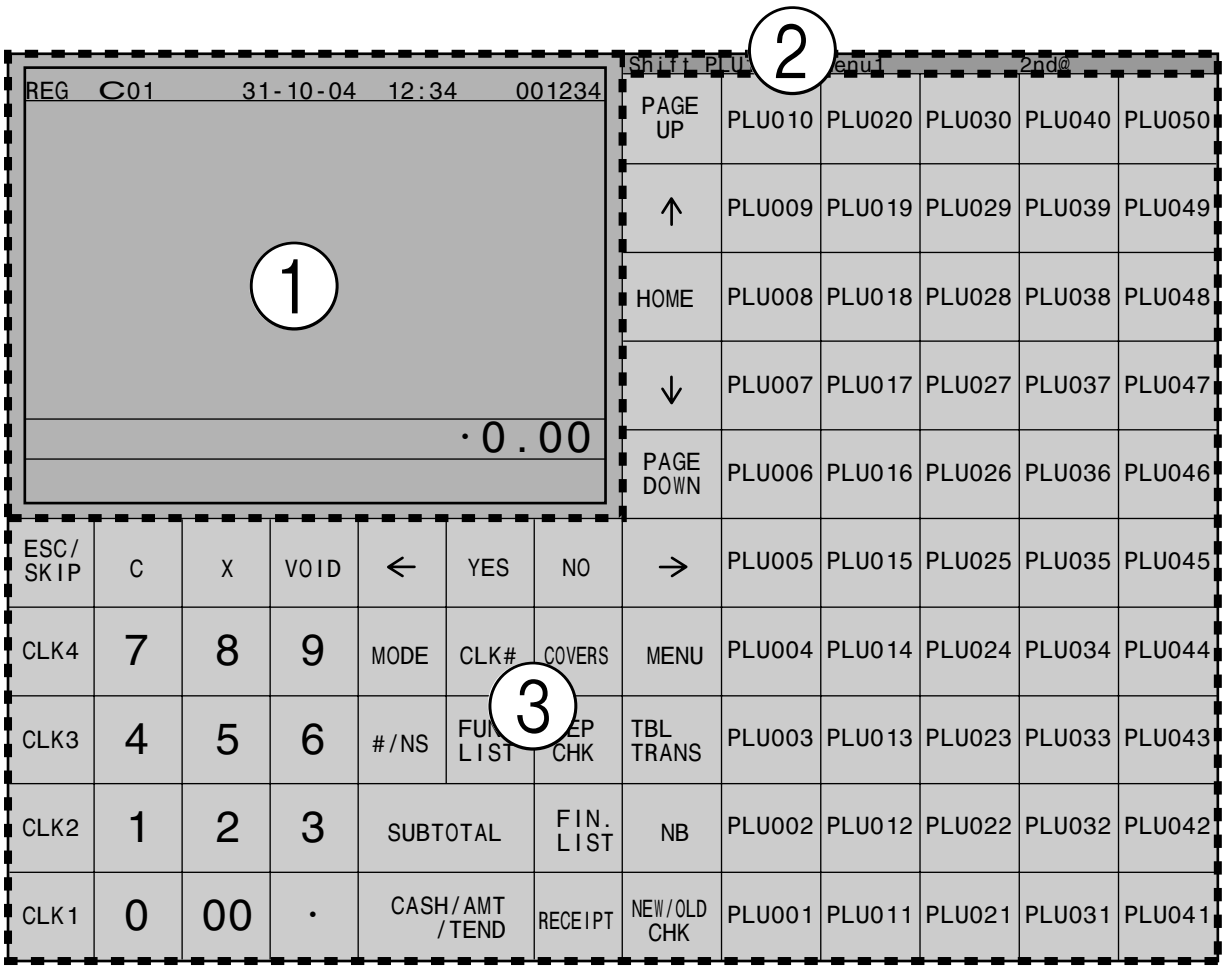
The drawer will not open, if it is locked with a drawer lock key.

Touch screen panel

You can use this panel both for display and for keyboard.

- This panel consists of 2 parts; display part and keyboard part.

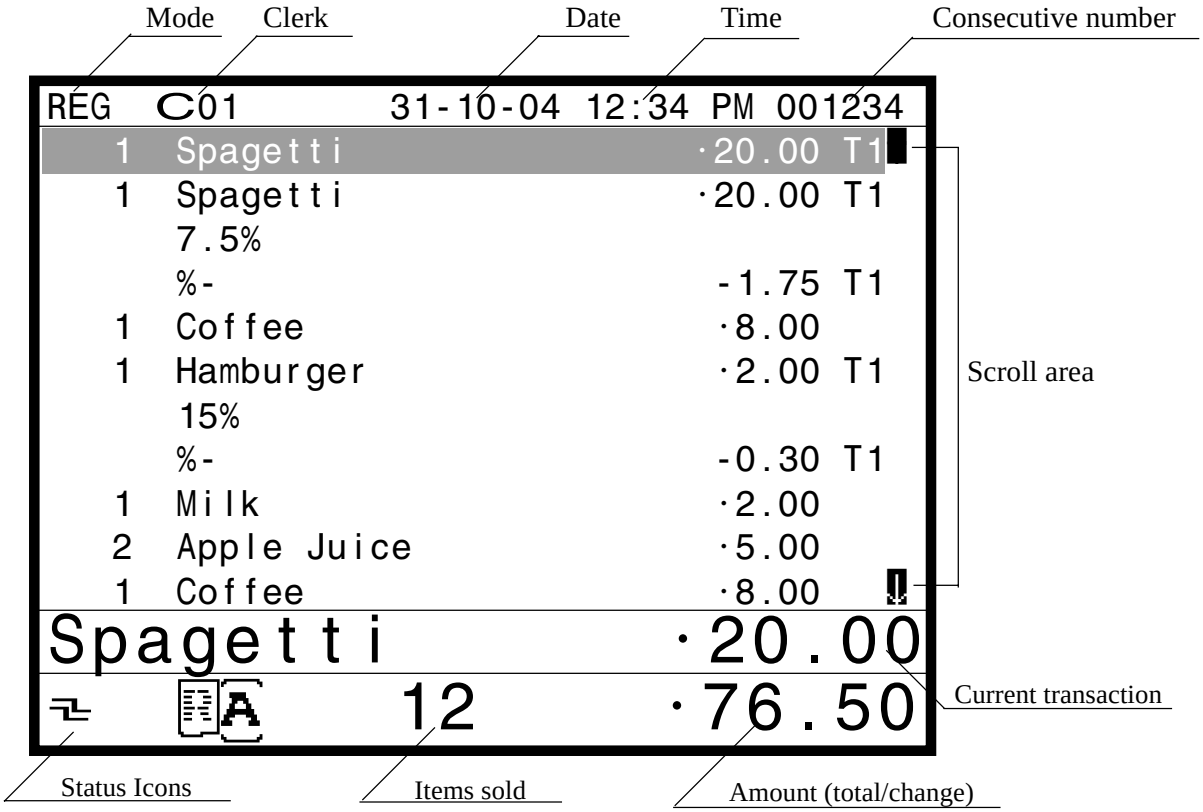
① Main display part: Used for displaying numeric entries, registration, subtotal amount, etc.
② Menu level display part: Used for displaying the current shift PLU, menu sheet and 2nd unit price level.
③ Keyboard part: Mainly used for keyboard (sometimes it is used for pop-up window)



Note:

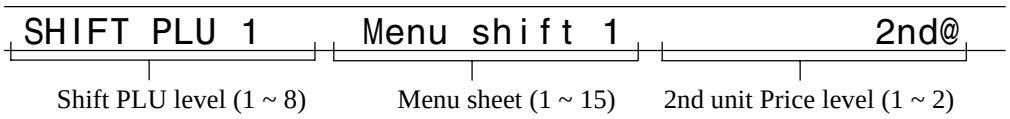
Use only your fingers to perform screen operations. Never use pencil, a mechanical pencil, or any other pointed object. Such objects can damage the screen.

Main display part



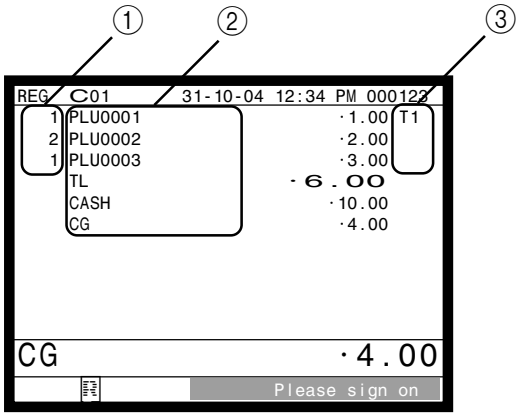
- Communication:
- Master/BM error:
- Cut off Master or BM:
- Receipt on:
- Character size:
  - Double size:
  - Standard size:

Menu level display part



Main display part example

Normal registration

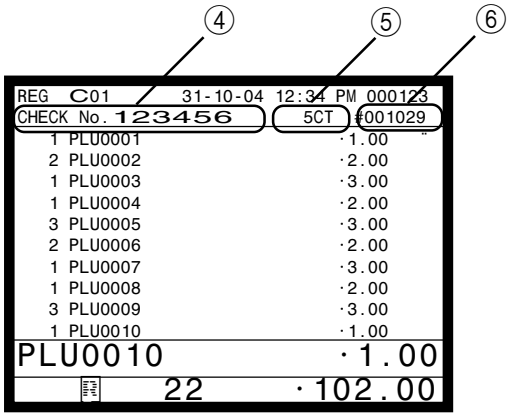


① **Registered item quantity**
This part of the display shows item count of each item.

② **Item/key descriptor**
When you register a department/PLU/scanning PLU or transaction key, the item descriptor or key descriptor appears here.

③ **Tax status**
When you register a taxable item, the corresponding tax status appears here by programming.

Check tracking registration

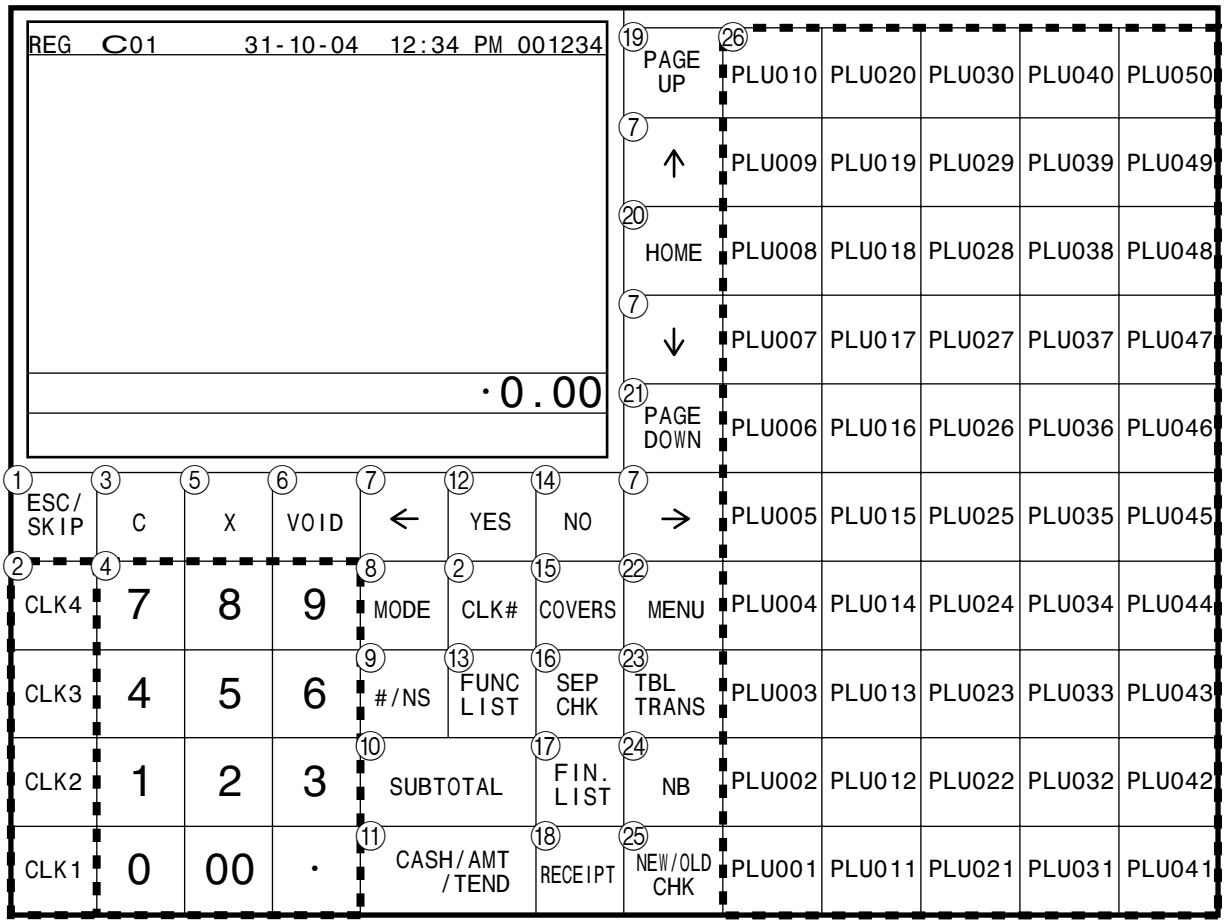


④ **Check number**
When you enter a check number, it appears here.

⑤ **Number of customer**
When you enter number of customers, it appears here.

⑥ **Table number**
When you enter a table number, it appears here.

Keyboard part



• Register Mode

① **ESC/SKIP key** [ESC/SKIP]
Use this key to terminate a program sequence, X/Z sequence, and return the primary status. This key is also used to terminate a report being issued in PGM, X, and Z mode.

② **Clerk key** [CLK1], [CLK2] ~ [CLK4]
Use this key to sign clerk on and off the terminal.
Clerk number key [CLK#]
Use this key to sign clerk on and off the terminal by clerk number.

③ **Clear key** [C]
Use this key to clear an entry that has not yet been registered.

④ **Ten key pad** [0], [1] ~ [9], [00], [·]
Use the keys to input numbers.

⑤ **Multiplication/Date/Time key** [X]
Use this key to input a quantity for a multiplication operation. Between transactions, this key displays the current time and date.

⑥ **Error correct/Void key** [VOID]
Use this key to correct the last registered item, discount, premium, amount tendered etc. This key also invalidates proceeding data registered for PLUs or set menus etc.

⑦ **Left, right, up, down arrow key**
[←], [→], [↑], [↓]
Use these keys to move the cursor.

⑧ **Mode key** [MODE]
Use this key to change mode. This key shows the allowable mode keys in the pop-up window.

⑨ **Non-add/No sale key** [#/NS]
Non-add key: To print reference number (to identify a personal check, credit card, etc.) during a transaction, use this key after some numerical entries.
No sale key: Use this key to open the drawer without registering anything.

⑩ **Subtotal key** [SUB TOTAL]
Use this key to display and print the current subtotal (includes add-on tax) amount.

⑪ **Cash/Amount tendered key** [CA/AMT /TEND]
Use this key to register a cash tender.

⑫ **Yes key** [YES]
Use this key to consent the selection and proceeding steps.

⑬ **Function list key** [FUNC LIST]
Use this key to show the programmed function key list. Use this key to register the function key which is not located on the keyboard but assigned in the memory.

⑭ **No key** [NO]
Use this key to cancel the selection and proceeding steps.

⑮ **Number of customer key** [COVERS]
Use this key to register the number of customers.

⑯ **Separate check key** [SEP CHK]
Use this key in a check tracking system to separate selected items from one check to another check.
If this key is registered, a pop-up window for separating a check is opened.

⑰ **Finalization list key** [FIN. LIST]
Use this key to show the programmed finalization key list. Use this key to register the finalization key which is not located on the keyboard but assigned in the memory.

⑱ **Post receipt key** [RECEIPT]
Use this key to produce a post-finalization receipt.

⑲ **Page up key** [PAGE UP]
Use this key to turn the window forwards.

⑳ **Home position key** [HOME]
Use this key to return the cursor to the home position.

㉑ **Page down key** [PAGE DOWN]
Use this key to turn the window backwards.

㉒ **Menu shift key** [MENU]
Use this key to shift Flat-PLU key to n-th (1 ~ 15) menu.

㉓ **Table transfer key** [TABLE TRANS]
Use this key to transfer the contents of a check to another check.

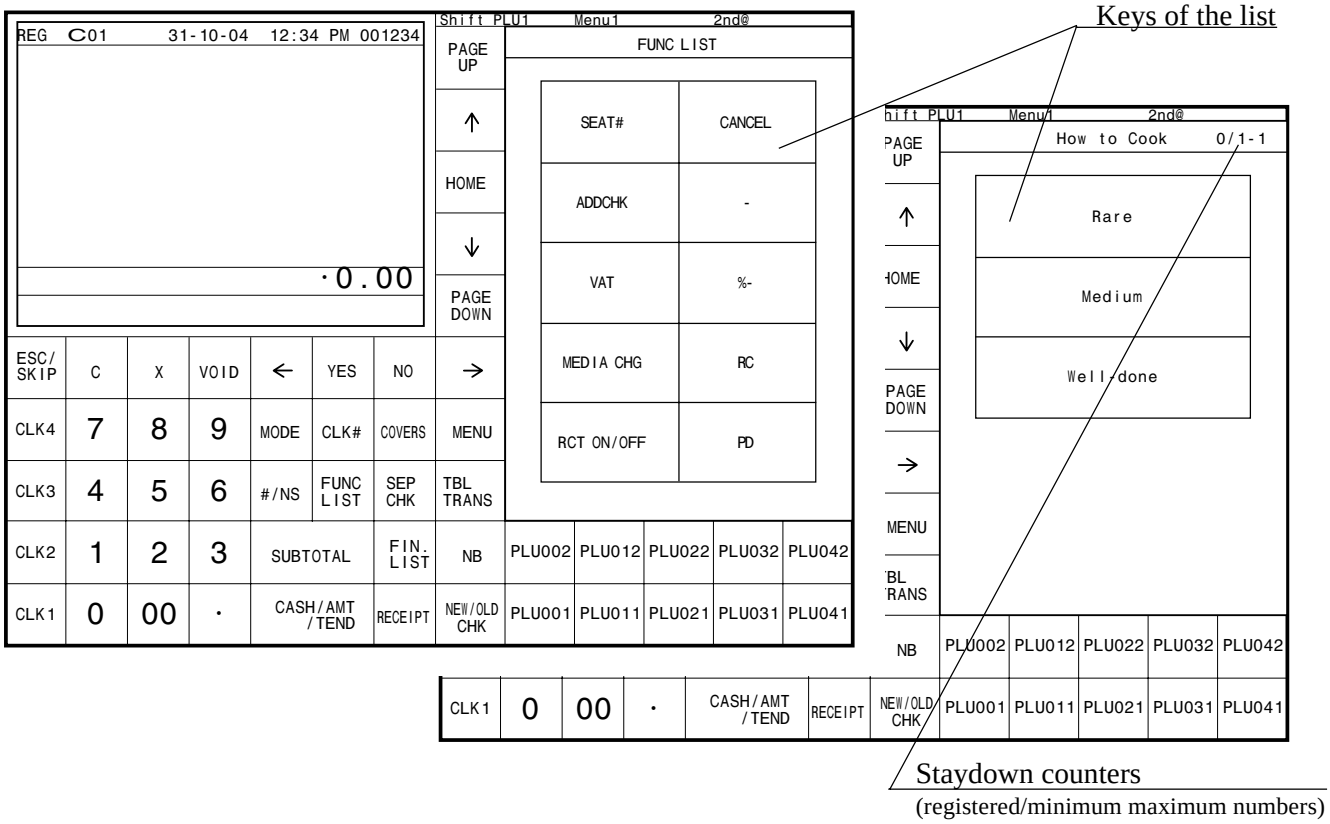
㉔ **New balance key** [NB]
Use this key to add the current registered total amount to the previous balance to obtain a new balance. When this key is pressed, the total amount of the transaction is calculated. Normally, a receipt is issued.

㉕ **New/Old check key** [NEW /OLD]
Use this key in a check tracking system to input check numbers in order to open new checks and to reopen existing checks. When the clerk inputs a check number, the register checks to see if that number already exists in the check tracking memory. If there is no matching number in the memory, a new check is opened under the input number. If the check number matches a number already stored in the memory, that check is reopened for further registration or finalization.

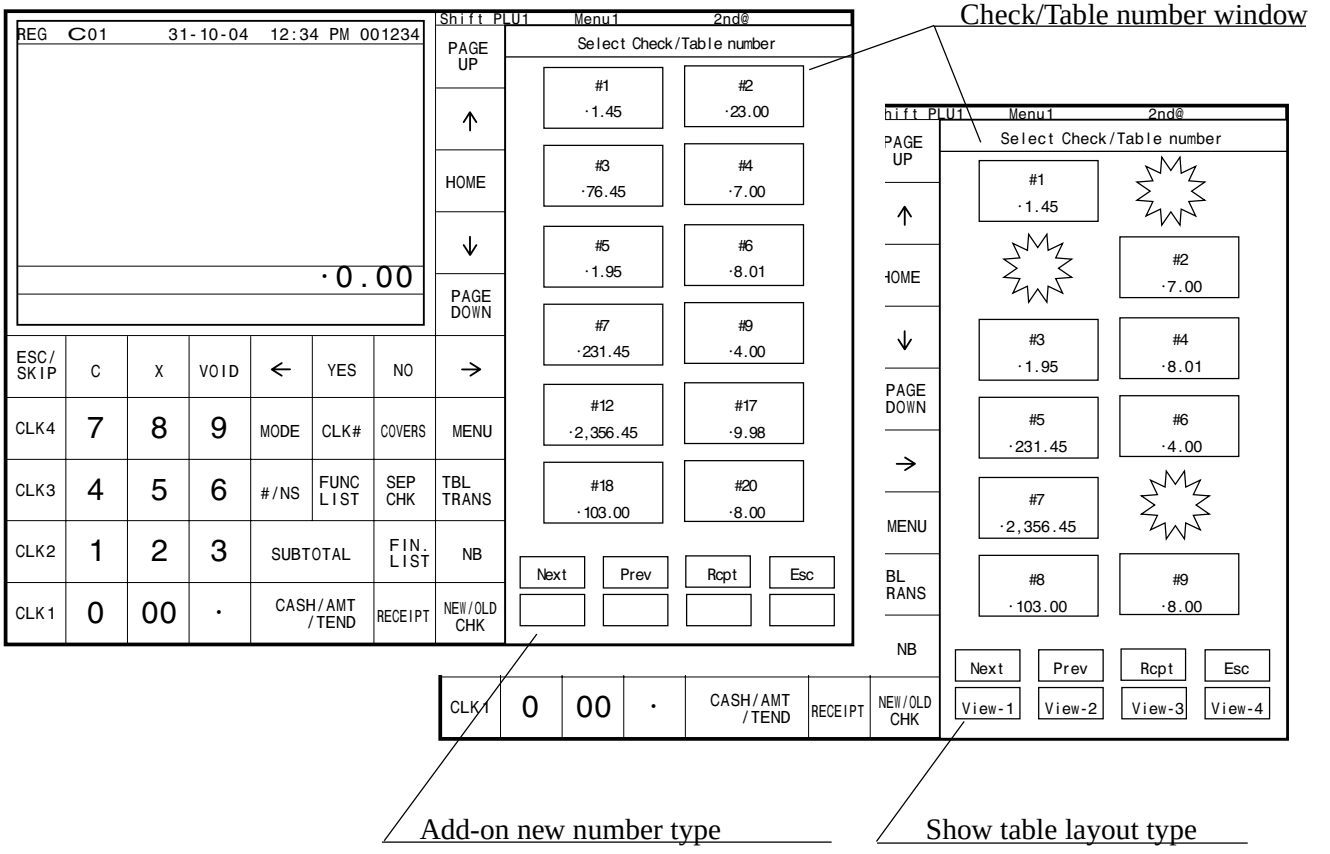
㉖ **Flat-PLU key** [PLU 001], [PLU 002] ~ [PLU 050]
Use these keys to register items to flat-PLUs.

Keyboard part with pop-up window

List pop-up window



Check number pop-up window



Allocatable functions

You can tailor a keyboard to suit your particular type of business.
Consult your CASIO dealer for detail information.

Add check
Use this key in a check tracking system to combine the details of more than one check into a single check.

Arrangement
Use this key to activate an arrangement program programmed in the arrangement file. Any operation that can be performed from the keyboard, as well as mode, can be programmed in an arrangement program, and can be performed merely by pressing this key. In addition, one numeric entry can be included in an arrangement program. In this case, input the number and press this key. The mode control function of this key can be programmed for all modes except for the OFF mode.

Bill copy
Use this key to issue bill copy.

Break-in/out
Use this key to register the starting/finishing time when employees have a recess.

Charge
Use this key to register a charge sale.

Check
Use this key to register a check tender.

Check endorsement
Use this key to print a preset check endorsement message using the slip printer.

Check print
Use this key to print the check on the slip printer.

Clerk number
Use this key to assign a clerk's secret number.

Clerk transfer
Use this key to transfer opened checks to another clerk.

Clock-in/out
Use this key to register the time when the employees start/finish their job.

Coupon
Use this key for registering coupons.

Coupon number
Use this key for registering mix and match discount by entering coupon number.

Coupon 2
Use this key to declare the next item registration as coupon.

Credit
Use this key to register a credit sale.

Cube
This key provides the same functions as the Square key. In addition, this key also has a cube multiplication function.

Currency exchange
Use this key to convert foreign currency to local currency or vice versa using the exchange rate preset for the key and displays the result.
Use this key for conversions of a home currency subtotal or merchandise subtotal to equivalent of another country's currency.
Use this key for conversions of another country's currency to the equivalent of the home currency.

Customer ID number
Use this key to enter customer ID number.

Declaration
Use this key to declare in drawer amount for money declaration.

Department
Use this key to register department.

Department number
Use this key to enter department number.

Deposit
Use this key to register deposits.

Discount
Use this key to register discounts.

Display mode
Use this key to choose item consolidation display format or non-item consolidation display format.

Dutch account
Use this key to share the total payment by customers.

Eat-in
Use this key to specify if the customer eats in the restaurant. Before closing a transaction press this key.

EBT (electronic benefit transfer)
Use this key to register an EBT amount with a tender amount input.

Electronic journal display
Use this key to display the stored journal.

Euro/Paid out
Euro key: Use this key to convert the main currency to the sub currency (the euro/the local money), when registering the subtotal amount. This key is also used for specifying sub currency while entering an amount of payment.
Paid out key: Use this key following a numeric entry to register money paid out from the drawer.

1st unit price
Use this key to register a specific item at the first unit price.

Food stamp shift
Use this key to change food stamp status.

Food stamp subtotal
Use this key to obtain the food stamp applicable amount.

Food stamp tender
Use this key to register a food stamp payment amount with a tender amount input.

House Bon
Use this key to register items for in-store use.

Item search
Use this key to search an item by its name.

List
Use this key to display menu lists.

List number
Use this key to enter list number.

Loan
Use this key to input the amount of money provided making change.

Location change
Use this key to select the window which shows the table layout of each floor/part of the restaurant.

Ketten Bon
Use this key to enter quantities for multiplication. Multiplication by this key issues singular order prints.

Media change
Use this key to change media in drawer amounts.

Merchandise subtotal
Use this key to obtain subtotal excluding the add-on tax amount and the previous balance.

Minus
Use this key register subtraction.

New check
Use this key in a check tracking system to input a new check number in order to open a new check under that number.

No sale
Use this key to open the drawer between transaction.

Non-add
Use this key to print reference numbers (personal check number, card number, etc.)

Normal receipt
Use this key to change the order status from Bon to normal.

OBR (Optical barcode reader)
Use this key to input optical barcodes manually.

Old check
Use this key in a check tracking system to input the number of an existing check (previously created by the New check key) whose details are stored in the check tracking memory. Existing checks are reopened to perform further registration or to finalize them.

Open
Use this key to temporary release a limitation on the number of digits that can be input for a unit price.

Open 2
Use this key to suspend the compulsory specifications.

Open check
Use this key to issue an open check report of an assigned clerk.

Operator number
Use this key to enter a clerk number during clerk transfer.

Operator X/Z
Use this key to issue a clerk's individual X/Z report.

Order character change
Use this key to change the order character. The order characters not only of the item but in the order character table can be printed.

Payment
Use this key to declare the following transactions as payment.

PLU number
Use this key to enter PLU number.

Plus
Use this key for registering surcharge.

Pick up
Use this key to pick up media in drawer.

Premium
Use this key to apply a preset % or manual input % to obtain the premium amount for the last registered item or subtotal.

Price
Use this key to register an open PLU.

Price inquiry
Use this key to confirm the price and descriptors of PLU without registering.

Price shift
Use this key to shift a PLU item/flat-PLU key to the 1st ~ 2nd unit price, a scanning PLU to the 1st ~ 3 rd unit price.

Post entry
Use this key to indicate the reserved item of set menu and register it as a fixed item later on.

Post receipt
Use this key to produce a post-finalization receipt.

Quantity/for
This key provides the same functions as the multiplication key. In addition, this key also has a split price function.

Recall
Use this key for recalling the transferred check number by the store key. When this key is pressed, the check number will appear in order of the oldest record.

Receipt on/off
Use this key to change the setting "Receipt issue"/"No receipt issue" in REG/REF/REG– modes.
This key should be pressed twice.

Received on account
Use this key following a numeric entry to register money received for non-sale transaction.

Refund
Use this key to input refund amounts and void certain entries.

Round repeat
Use this key to register the same items which were ordered just before.

Seat number
Use this key to enter and print seat number.

2nd unit price
Use this key to register a specific item at the second unit price.

Separate check
Use this key in a check tracking system to separate selected items from one check to another check.

Selective item subtotal
Use this key to obtain the selective item 1/2 of subtotal amount.

Shift PLU
Use this key to shift flat-PLU key to the n-th (1 ~ 8) level.

Slip feed/release
Use this key to feed slips inserted into the slip printer. This is done by specifying the number of feed lines. This key is also used to release the slip paper holder if numbers are not entered.

Slip back feed/release
Use this key to back feed slips inserted into the slip printer. This is done by specifying the number of feed lines. This key is also used to release the slip paper holder if numbers are not entered.

Slip print
Use this key to execute a slip batch printing on the slip printer. Pressing this key prints the sales details. Actual printing is performed following receipt issuance.

Square
This key provides the same functions as the Multiplication key. In addition, this key also has a square multiplication function.

Stock inquiry
Use this key to check the current stock quantity for a PLU without registering.

Store
Use this key for storing the check number of the registered items. When this key is pressed, registered item data will be stored, and then these data will transfer to the youngest check number.

Subdepartment
Use this key to register items for the subdepartment.

Subdepartment number
Use this key to enter subdepartment number.

Substitution
Use this key to replace group PLU with a PLU which is not preset in the pulldown menu.

Table number
Use this key to input table numbers.

Table sharing
Use this key to assign one table to two or more customer groups.

Takeout
Use this key to specify if the customer takes out items, before total a transaction. Press this key for the tax exemption.

Tax exempt
Use this key to change taxable amounts to nontaxable amounts.

Tax shift
Use this key to activate the tax table which is specified by the same tax status programmed for this key.

Taxable amount subtotal
Use this key to obtain taxable amount subtotal.

Text print
Use this key to enter characters to print.

Text recall
Use this key to print preset characters.

Tip
Use this key to register tips.

Tray total
Use this key to display the total amount for all registrations from the last registration until this key is pressed or registrations between presses of this key.

Validation
Use this key to validate item or transaction amounts on the slip.

VAT
Use this key to print VAT breakdowns.

Keys in check No. pop-up window

Special function keys to control check No. pop-up window are located at the bottom of the screen.

Next (Page up)
Use this key to turn the pop-up window forwards.

Previous (Page down)
Use this key to turn the pop-up window backwards.

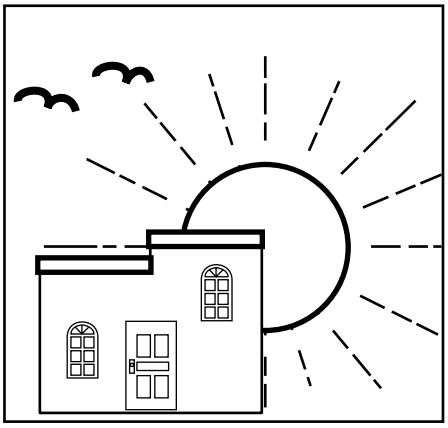
Escape
Use this key to terminate the operation of the pop-up window and close it.

View-1 ~ View-4 (Location change)
Use this key to select the pop-up window which shows the table layout of each floor/part of the restaurant.

How to use the terminal

The following describes the general procedure you should use in order to get the most out of the terminal.

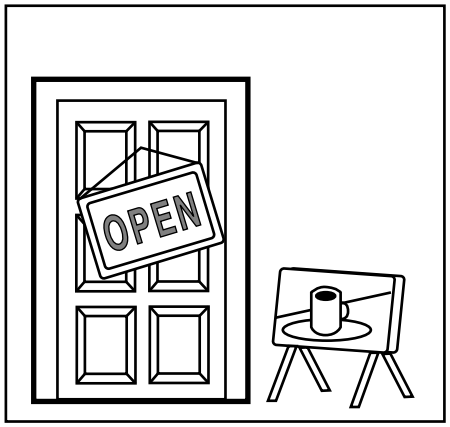
BEFORE business hours…



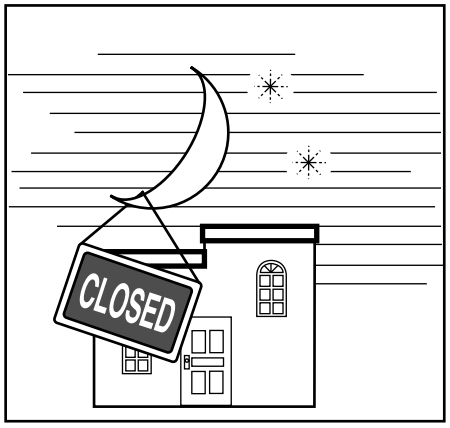
- Check to make sure that the terminal is plugged in securely.
- Check to make sure there is enough paper left on the roll of the remote printer.
- Read the financial totals to confirm that they are all zero. Page 83
- Check the date and time. Page 25

DURING business hours…

- Register transactions. Page 26 ~
- Periodically read totals. Page 81



AFTER business hours…



- Reset the daily totals. Page 42
- Read the electronic journal. Page 81
- Empty the cash drawer and leave it open. Page 12
- Take the cash to the office.

Clerk sign on/off and mode change

Assigning a clerk

ALL
Mode

In Germany, you can assign clerks by attaching an i-Button key to the receiver or by clerk number.
In other areas, you can assign clerks by using clerk key or by clerk secret number.
The method you of assigning clerk depends on the programming of the terminal.

Clerk key

You can assign the clerk or cashier using the four (CLK1 thru CLK4) keys on the keyboard or clerk icon in the clerk pop-up window.

Clerk number key

The CLK# key is used for the clerk secret number key.

i-Button key

You can assign the clerk or cashier by attaching an i-Button key to the receiver.

Clerk sign on

	OPERATION		
	Clerk key	Clerk number key	i-Button key
Signing clerk 1 on:	CLK1	* 1 CLK#	attach i-Button key 1
Signing clerk 2 on:	CLK2	* 2 CLK#	attach i-Button key 2
		⋮	⋮
Signing clerk 6 on:	--	* 6 CLK#	attach i-Button key 6
		Clerk secret number (1 ~ 6 is set as default.)	

* If you do not want the clerk secret number to be shown on the display, press CLK# before entering the number.

Clerk sign off

	OPERATION		
	Clerk key	Clerk number key	i-Button key
Signing clerk off:	0 CLK1 (~ CLK4)	0 CLK#	remove i-Button key

- The current clerk is also signed off whenever you turn off the terminal or finalize a transaction.

Important!

- A clerk cannot sign on unless other clerk is signed off.
- The signed on clerk is identified on the receipt/journal.

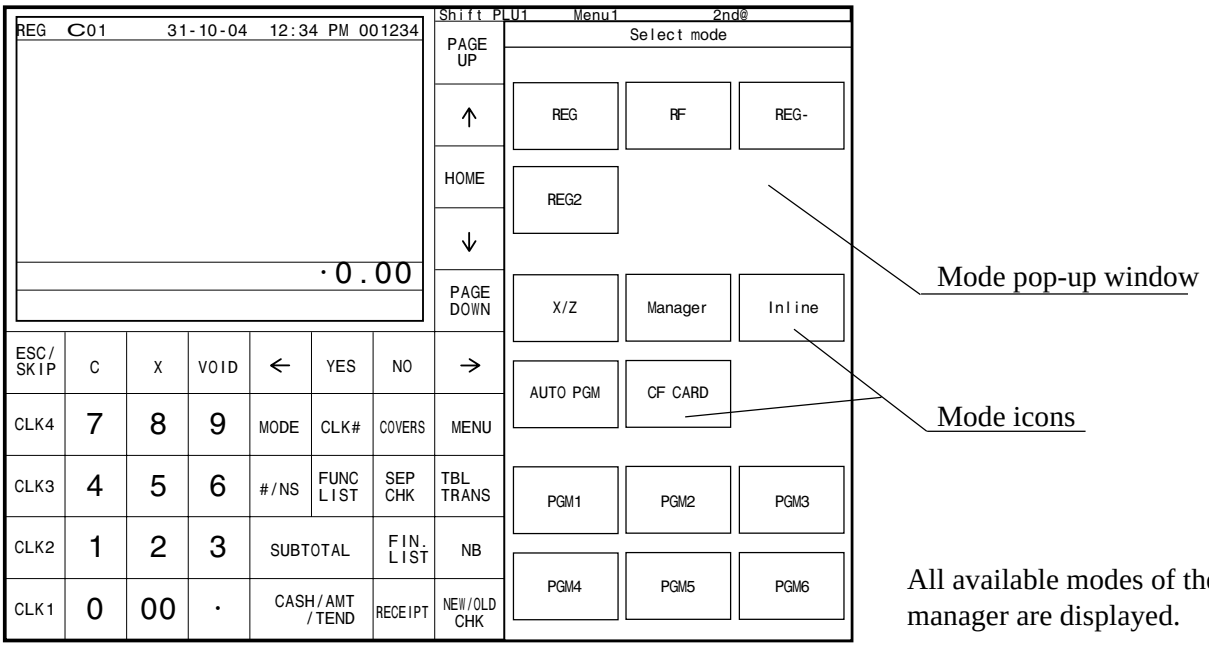
Mode change

Even the mode switch is not allocated on the terminal, you can change the mode of the terminal by pressing the MODE key.

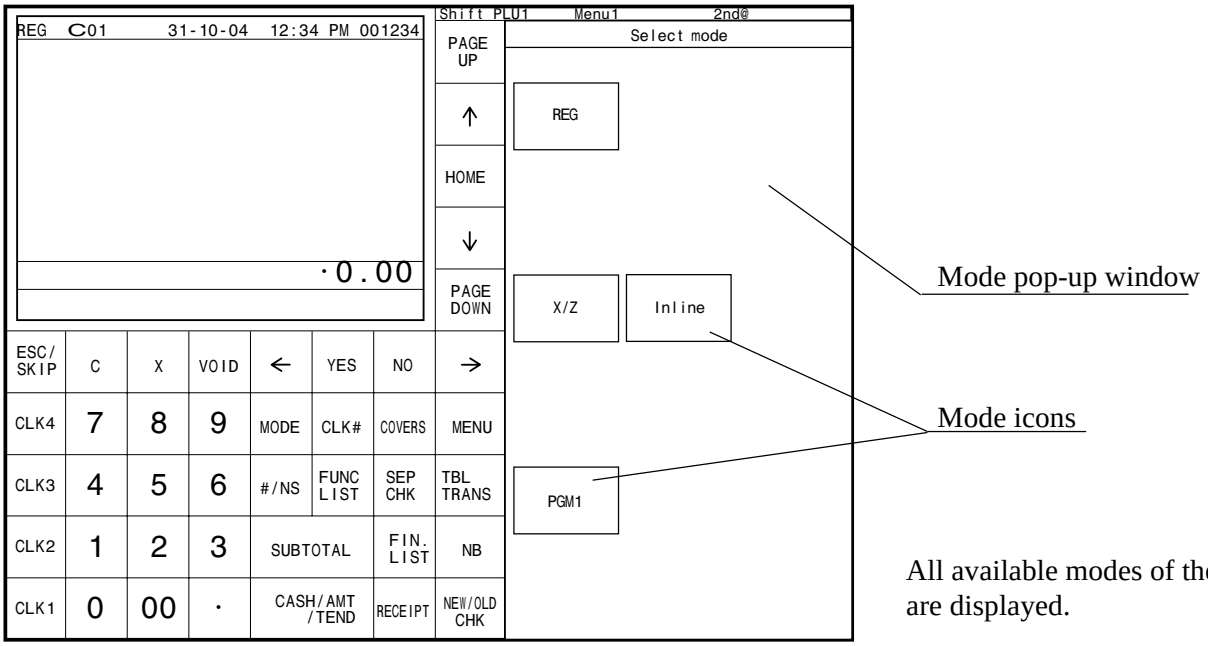
Mode pop-up window

When you press the MODE key, the mode pop-up window is appeared. In the mode pop-up window, only the allowable mode icons of the signed on clerk is appeared. You can change the mode of the terminal by pressing the mode icons in the mode pop-up window.

- **When a manager signs on.**



- **When a clerk signs on**



Displaying the time and date

REG
Mode

You can show the time or date on the display of the terminal whenever there is no registration being made.

To display and clear the date/time

OPERATION	DISPLAY
[X] Date/time appears on the display.	REG C01 000123 31-10-04 12:34. 0.00
[C] Clears the date/time display.	

Adjusting the time and date

PGM1
Mode

You can adjust the time or date in the PGM 1 mode.

To adjust the time

OPERATION	DISPLAY
[MODE] <PGM1> Press <MODE> key and press <PGM1> icon.	P1C01 000123 PGM 1 1.Unit price/Qty
[1] [0] [5] [0] [X] Enter the current time in 4 digits (hour, minutes order) and press the [x] key.	01-01-00 10:50 AM
[C] Clear the date/time display.	

To adjust the date

OPERATION	DISPLAY
[MODE] <PGM1> Press <MODE> key and press <PGM1> icon.	P1C01 000123 PGM 1 1.Unit price/Qty
[0] [4] [1] [0] [3] [1] [X] Enter the current date in 6 digits (year, month, day order) and press the [x] key.	31-10-04 10:50 AM
[C] Clear the date/time display.	

Preparing and using flat-PLU keys

Registering flat-PLU keys

REG
Mode

The following examples show how you can use the flat-PLU keys in various types of registrations.

Single item sale

Example 1

Item	Unit price	$1.00
	Quantity	1
	Flat-PLU	1
Payment	Cash	$1.00

OPERATION

1 00
Unit price

PLU 001
Flat-PLU

CA/AMT TEND

PRINTOUT (by optional remote printer)

```
                          MC #01
REG   C01     31-10-2004 09:05 AM 000002

  1   PLU001                  ·1.00
      TL                    - 1.00
      CASH                    ·1.00
```

Machine No.
Mode/Clerk/Date/Time/Consecutive No.
PLU No./unit price
Total amount

Example 2 (Subtotal registration and change computation)

Item	Unit price	$12.34
	Quantity	1
	Flat-PLU	1
Payment	Cash	$20.00

OPERATION

1 2 3 4
Unit price

PLU 001
Flat-PLU

SUB TOTAL

2 0 00 CA/AMT TEND
Amount tendered

PRINTOUT (by optional remote printer)

```
                          MC #01
REG   C01     31-10-2004 09:10 AM 000003

  1   PLU001                 ·12.34
      TL                   - 12.34
      CASH                   ·20.00
      CG                      ·7.66
```

Total amount
Amount tendered
Change

Repeat, menu shift

Item 1	Unit price	$1.50
	Quantity	3
	Flat-PLU	1
Item 2	Unit price	$2.50
	Quantity	2
	Flat-PLU	51
Payment	Cash	$10.00

OPERATION

1 5 0 PLU 001
PLU 001
PLU 001
MENU
2 5 0 PLU 001
PLU 001
SUB TOTAL
1 0 00 CA/AMT TEND

PRINTOUT (by optional remote printer)

```
                          MC #01
REG   C01     31-10-2004 09:15 AM 000004

  1   PLU001                  ·1.50
  1   PLU001                  ·1.50
  1   PLU001                  ·1.50
  1   PLU051                  ·2.50
  1   PLU051                  ·2.50
      TL                    - 9.50
      CASH                   ·10.00
      CG                      ·0.50
```

Repeat
Repeat
Repeat

Multiplication

Item	Unit price	$1.00
	Quantity	12
	Flat-PLU	1
Payment	Cash	$20.00

OPERATION | **PRINTOUT (by optional remote printer)**

[1] [2] [X]
Quantity
(4-digit integer/3-digit decimal)

[1] [00] [PLU 001]

[SUB TOTAL]

[2] [0] [00] [CA/AMT/TEND]

```
                    MC #01
REG  C01   31-10-2004 09:20 AM 000005

 12  PLU001                 ·12.00
```

— Quantity/result

or

```
     12            @1/ 1.00
 12  PLU001            ·12.00
```

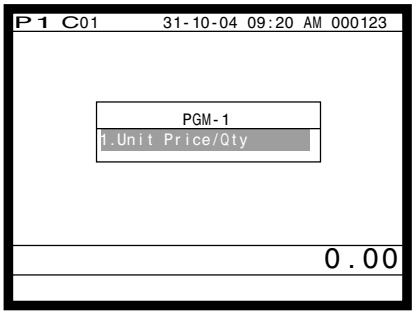
— Quantity/unit q'ty/@
— Result

```
TL              -12.00
CASH             ·20.00
CG                ·8.00
```

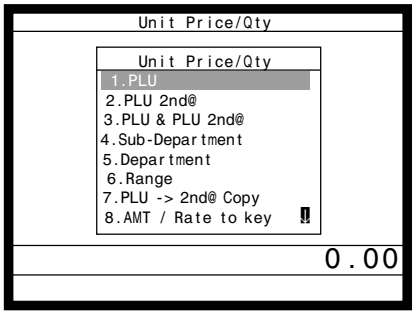
Programming to flat-PLU

Flat-PLU unit price programming procedure

Step 1. Press [MODE] and <PGM1> icon to turn "PGM-1" and press [YES].
Step 2. Select "1.PLU" and press [YES].

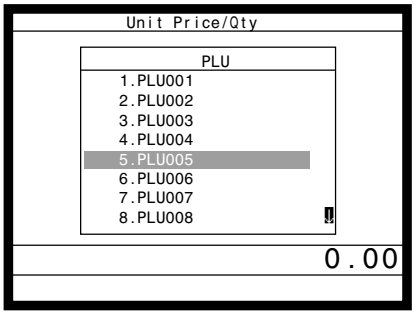


Step 1. screen

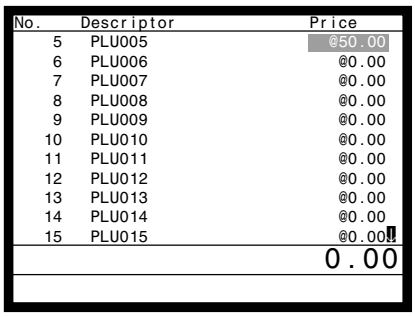


Step 2. screen

Step 3. Select the PLU record you want to program by pressing the flat-PLU key directly, by entering PLU record No. and [YES], or by entering random PLU code and [PLU].
Step 4. Enter appropriate unit price and [YES].



Step 3. screen

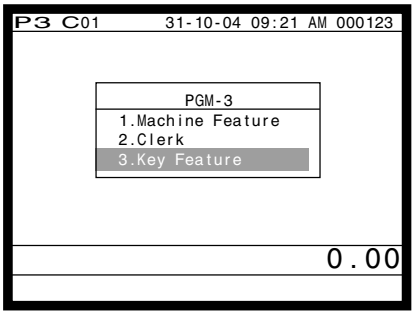


Step 4. screen

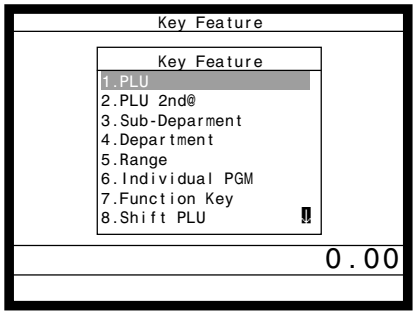
Step 5. Repeat the step 4., if you program the next record.
Press [ESC/SKIP] and repeat the step 3. and 4., if you program to the other record.
Step 6. Press [ESC/SKIP] repeatedly to return to the "Step 1. screen".

Flat-PLU department link/tax status/listing capacity programming procedure

Step 1. Press [MODE] and <PGM3> icon to turn “PGM-3”.
Step 2. Select “3.Key Feature” and press [YES], then select “1.PLU” and press [YES].

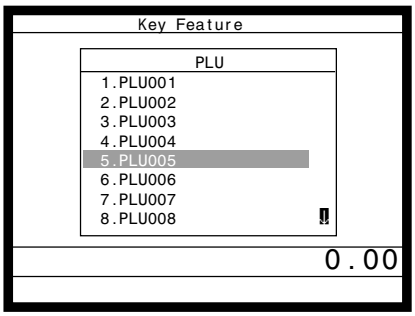


Step 1. screen

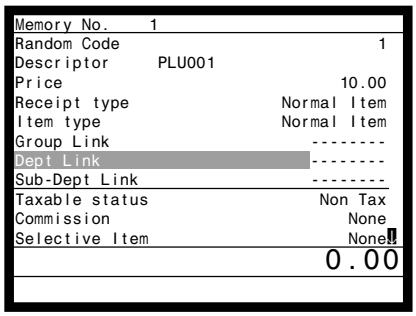


Step 2. screen

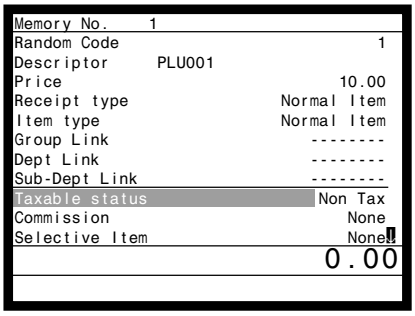
Step 3. Select the PLU record you want to program by pressing the flat-PLU key directly, by entering PLU record No. and [YES], or by entering record No./random PLU code and [PLU].
Step 4. Link department programming:
Select “Dept Link” line, press [YES], select the appropriate link department and [YES].
Tax status programming:
Select “Taxable status” line, and press [YES] select the appropriate tax status.
Listing capacity programming:
Select “High Amount Limit” line (press [PAGE DOWN] three times), and enter the amount and press [YES].



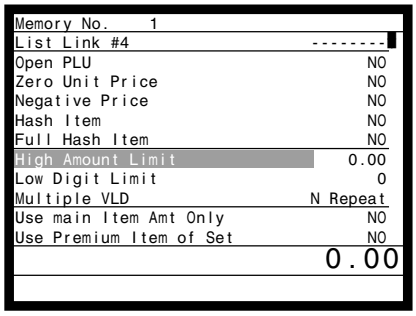
Step 3. screen



Step 4-1. screen



Step 4-2. screen



Step 4-3. screen

Step 5. Press [ESC/SKIP] and repeat the step 3. and 4., if you program to the other record.
Step 6. Press [ESC/SKIP] repeatedly to return to the “Step 1. screen”.

Registering flat-PLU keys by programming data

REG
Mode

Preset price

Item	Unit price	($1.00)$_{preset}$
	Quantity	1
	Flat-PLU	2
Payment	Cash	$1.00

OPERATION

PLU 002 → CA/AMT TEND

PRINTOUT (by optional remote printer)

```
                    MC #01
REG  C01   31-10-2004 09:30 AM 000007

  1  PLU002                  ·1.00
     TL                    - 1.00
     CASH                    ·1.00
```

Preset tax status

Item 1	Unit price	($2.00)$_{preset}$
	Quantity	5
	Flat-PLU	3
	Taxable	(1)$_{preset}$
Item 2	Unit price	($2.00)$_{preset}$
	Quantity	1
	Flat-PLU	4
	Taxable	(2)$_{preset}$
Payment	Cash	$20.00

OPERATION

5 X → PLU 003 → PLU 004 → SUB TOTAL → 2 0 00 → CA/AMT TEND

PRINTOUT (by optional remote printer)

```
                    MC #01
REG  C01   31-10-2004 09:35 AM 000008

  5  PLU003                 ·10.00 T1 — Tax status
  1  PLU004                  ·2.00 T2
     TA1                    ·10.00 — Taxable Amount 1
     TX1                     ·0.40 — Tax 1
     TA2                     ·2.00 — Taxable Amount 2
     TX2                     ·0.20 — Tax 2
     TL                    - 12.60
     CASH                   ·20.00
     CG                      ·7.40
```

* Before this registration, tax table programming is necessary.

Locking out high amount limitation

Item	Unit price	$1.05
	Quantity	1
	Flat-PLU	3
	Max.amount	($10.00)$_{preset}$
Payment	Cash	$2.00

OPERATION

1 0 5 0 → PLU 003

ERROR ALARM
(Exceeding high amount)

C → 1 0 5 → PLU 003 → SUB TOTAL → 2 00 → CA/AMT TEND

PRINTOUT (by optional remote printer)

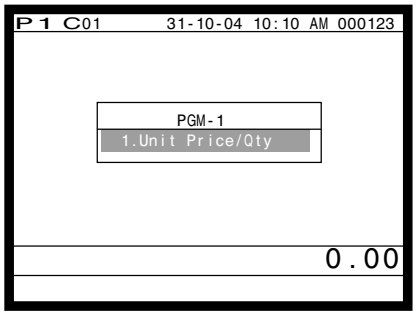
```
                    MC #01
REG  C01   31-10-2004 09:40 AM 000009

  1  PLU003                  ·1.05
     TL                    - 1.05
     CASH                    ·2.00
     CG                      ·0.95
```

Preparing and using discounts/reductions

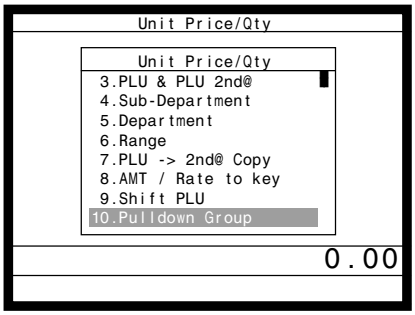
This section describes how to prepare and register discounts/reductions.

Programming discount rate and reduction amount

Step 1. Press [MODE] and <PGM1> icon to turn “PGM-1” and press [YES].
Step 2. Press [PAGE DOWN] twice and select “10.Pulldown Group” and press [YES].

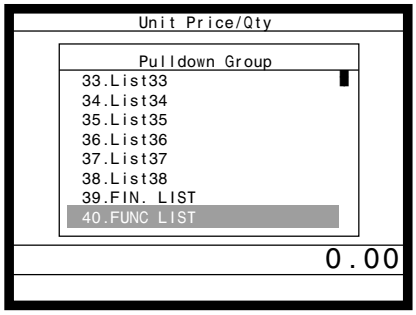


Step 1. screen

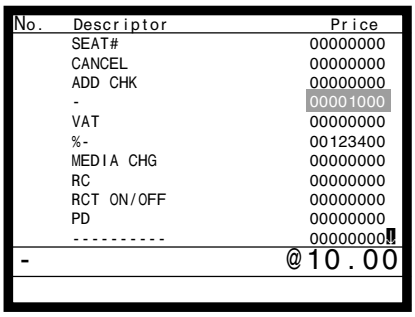


Step 2. screen

Step 3. Press [PAGE DOWN] five times and press [YES].
Step 4. Discount rate: Select the %- record, enter discount rate (ex. 12.34% → 123400) and press [YES].
Reduction amount: Select the - record, enter reduction amount and press [YES].



Step 3. screen



Step 4. screen

Step 5. Press [ESC/SKIP] repeatedly to return to the “Step 1. screen”.

NOTE:

In case of programming a rate or an amount to the actual key (not in a list window), select “8.AMT/Rate to key” in the Step 2, enter the appropriate rate or amount and press the key.

Registering discounts

REG
Mode

The following example shows how you can use the [%−] key in various types of registration.

Discount for items and subtotals

Item 1	Unit price	$5.00
	Flat-PLU	1
	Taxable	$(1)_{preset}$
Item 2	Unit price	$($10.00)_{preset}$
	Flat-PLU	2
	Taxable	$(2)_{preset}$
Discount	Rate	$(5\%)_{preset}$
Subtotal discount	Rate	3.5%
	Taxable	Nontaxable
Payment	Cash	$15.00

OPERATION

[5] [00] [PLU 001]
[PLU 002]
[FUNC LIST] [%−]

Applies the preset discount rate to the last item registered.

[SUB TOTAL]
[FUNC LIST] [3] [·] [5] [%−]

The input value takes priority of the preset value.

[SUB TOTAL]
[1] [5] [00] [CA/AMT TEND]

PRINTOUT (by optional remote printer)

```
                          MC #01
REG  C01     31-10-2004 10:15 AM 000016

  1  PLU001                  ·5.00  T1
  1  PLU002                 ·10.00  T2
     5%
     %-                      -0.50  T2
     ST                     ·14.50
     3.5%
     %-                      -0.51
     TA1                     ·5.00
     TX1                     ·0.20
     TA2                     ·9.50
     TX2                     ·0.48
     TL                  - 14.67
     CASH                   ·15.00
     CG                      ·0.33
```

- You can manually input rates up to 4 digits long (0.01% to 99.99%).

Taxable status of the [%−] key

- Whenever you perform a discount operation on the last item registered, the tax calculation for discount amount is performed in accordance with the tax status programmed for that item.
- Whenever you perform a discount operation on a subtotal amount, the tax calculation for the subtotal amount is performed in accordance with the tax status programmed for the [%−] key.

Registering reductions

REG
Mode

The following examples show how you can use the [−] key in various types of registration.

Reduction for items

Item 1	Unit price	$5.00
	Flat-PLU	1
	Taxable	$(1)_{preset}$
Reduction	Amount	$0.25
Item 2	Unit price	$($6.00)_{preset}$
	Flat-PLU	2
	Taxable	$(1)_{preset}$
Reduction	Amount	$($0.50)_{preset}$
Payment	Cash	$11.00

OPERATION

[5] [00] [PLU 001]
[FUNC LIST] [2] [5] [−]
Reduces the last amount registered by the value input.
[PLU 002]
[FUNC LIST] [−]
[SUB TOTAL]
[1] [1] [00] [CA/AMT TEND]

PRINTOUT (by optional remote printer)

```
                    MC #01
REG  C01    31-10-2004 10:20 AM 000017

  1  PLU001              ·5.00  T1
     -                  -0.25  T1
  1  PLU002              ·6.00  T1
     -                  -0.50  T1
     TA1                ·10.25
     TX1                 ·0.41
     TL            - 10.66
     CASH               ·11.00
     CG                  ·0.34
```

- You can manually input reduction values up to 7 digits long.
- If you want to subtract the reduction amount from the department or PLU totalizer, program “Net totaling.”

Reduction for subtotal

Item 1	Unit price	$3.00
	Flat-PLU	1
	Taxable	$(1)_{preset}$
Item 2	Unit price	$4.00
	Flat-PLU	2
	Taxable	$(2)_{preset}$
Subtotal Reduction	Amount	$0.75
	Taxable	$(No)_{preset}$
Payment	Cash	$7.00

OPERATION

[3] [00] [PLU 001]
[4] [00] [PLU 002]
[SUB TOTAL]
[FUNC LIST] [7] [5] [−]
Reduces the subtotal by the value input here.
[SUB TOTAL]
[7] [00] [CA/AMT TEND]

PRINTOUT (by optional remote printer)

```
                    MC #01
REG  C01    31-10-2004 10:25 AM 000018

  1  PLU001              ·3.00  T1
  1  PLU002               4.00  T2
     -                  -0.75
     TA1                 ·3.00
     TX1                 ·0.12
     TA2                 ·4.00
     TX2                 ·0.20
     TL             - 6.57
     CASH                ·7.00
     CG                  ·0.43
```

Registering credit and check payments

REG
Mode

The following examples show how to register credits and payments by check.

Check

Item	Unit price	$11.00
	Flat-PLU	1
Payment	Check	$20.00

OPERATION

1 1 00 [PLU 001] [SUB TOTAL]
[FIN. LIST] 2 0 00 [CHK/TEND]

PRINTOUT (by optional remote printer)

```
                          MC #01
REG   C01     31-10-2004 10:30 AM 000019

  1  PLU001                  ·11.00
     TL                 - 11.00
     CHECK                   ·20.00
     CG                       ·9.00
```

Credit

Item	Unit price	$15.00
	Flat-PLU	1
Reference	Number	1234
Payment	Credit	$15.00

OPERATION

1 5 00 [PLU 001] [SUB TOTAL]
1 2 3 4 [#/NS]
[FIN. LIST] [CR]

PRINTOUT (by optional remote printer)

```
                          MC #01
REG   C01     31-10-2004 10:35 AM 000020

  1  PLU001                  ·15.00
     #/NS                      1234   — Reference No.
     TL                 - 15.00
     CREDIT                  ·15.00
```

Mixed tender (cash, credit and check)

Item	Unit price	$55.00
	Flat-PLU	1
Payment	Check	$30.00
	Cash	$5.00
	Credit	$20.00

OPERATION

5 5 00 [PLU 001] [SUB TOTAL]
[FIN. LIST] 3 0 00 [CHK/TEND]
5 00 [CA/AMT TEND]
[FIN. LIST] [CR]

PRINTOUT (by optional remote printer)

```
                          MC #01
REG   C01     31-10-2004 10:40 AM 000021

  1  PLU001                  ·55.00
     TL                 - 55.00
     CHECK                   ·30.00
     CASH                     ·5.00
     CREDIT                  ·20.00
```

Registering both the Euro and local currency

REG
Mode

The following example shows the basic operation using the currency exchange function between the Euro and the local currency.

Case A

Main currency	Local
Payment	Euro
Change	Local
Rate	1 Euro = 0.5 FFr

OPERATION | **DISPLAY**

6 0 0 PLU 001

FUNC LIST PD ⇦ Press the PD key, which converts the subtotal amount into the sub currency by applying the preset exchange rate. And the subtotal in the sub currency is shown on the display.

1 5 00 CA/AMT/TEND ⇦ Press the CA/AMT/TEND key to finalize the transaction. The change amount is shown in the programmed currency.

```
REG C01          31-10-04 10:45 AM 000023
  PLU001                          ·6.00
  TL                            ·6.00
                            EUR12.00
  CASH                          EUR15.00
          ·7.50
  CG                              ·1.50
        EUR3.00

CG                          EUR3.00
```

PRINTOUT
(by optional remote printer)

```
                          MC #01
REG  C01     31-10-2004 10:45 AM 000022

  1  PLU001                       ·6.00
     TL                        ·6.00
                           EUR12.00
     CASH                        EUR15.00
            ·7.50
     CG                            ·1.50
          EUR3.00
```

Case B

Main currency	Euro
Payment	Local
Change	Euro
Rate	1 Euro = 0.5 FFr

OPERATION | **DISPLAY**

[1] [2] [00] [PLU 001]

[FUNC LIST] [PD] ⇦ Press the [PD] key, which converts the subtotal amount into the sub currency by applying the preset exchange rate. And the subtotal in the sub currency is shown on the display.

[6] [00] [CA/AMT/TEND] ⇦ Press the [CA/AMT/TEND] key to finalize the transaction. The change amount is shown in the programmed currency.

```
REG C01          31-10-04 10:45 AM 000024
  PLU001                      EUR12.00
  TL                    EUR12.00
                              -6.00
  CASH                         -6.00
        EUR12.00
  CG                          EUR0.00
           -0.00

CG                            -0.00
```

PRINTOUT
(by optional remote printer)

```
                          MC #01
REG  C01     31-10-2004 10:50 AM 000024

  1  PLU001                 EUR12.00
     TL            EUR12.00
                              -6.00
     CASH                        -6.00
          EUR12.00
     CG                        EUR0.00
              -0.00
```

Registering returned goods in the REG mode

REG
Mode

The following example shows how to use the [RF] key in the REG mode to register goods returned by customers.

Item 1	Unit price	$2.35
	Flat-PLU	1
Item 2	Unit price	$2.00
	Flat-PLU	2
Item 3	Unit price	($1.20)$_{preset}$
	Flat-PLU	3
Returned Item 1	Unit price	$2.35
	Flat-PLU	1
Returned Item 3	Unit price	($1.20)$_{preset}$
	Flat-PLU	3
Payment	Cash	$2.00

OPERATION

[2] [3] [5] [PLU 001]
[2] [00] [PLU 002]
[PLU 003]
[RF]
[2] [3] [5] [PLU 001]
Press [RF] before the item you want to return.
[RF]
[PLU 003]
[SUB TOTAL]
[CA/AMT TEND]

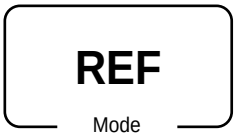
PRINTOUT (by optional remote printer)

```
                          MC #01
REG   C01     31-10-2004 11:00 AM 000025

  1  PLU001                  ·2.35
  1  PLU002                  ·2.00
  1  PLU003                  ·1.20
     RF                   ..........
  1  PLU001                 -2.35
     RF                   ..........
  1  PLU003                 -1.20
     TL                   -2.00
     CASH                    ·2.00
```

NOTE

• First of all, it is necessary to allocate [RF] key on the keyboard or in the function key list.

Registering returned goods in the REF mode

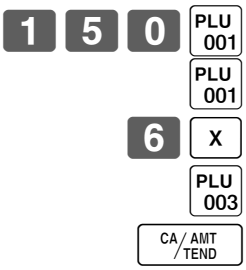


The following examples show how to use the REF mode to register goods returned by customers.
First of all, press the [MODE] key and press <REF MODE> icon to turn the REF mode.

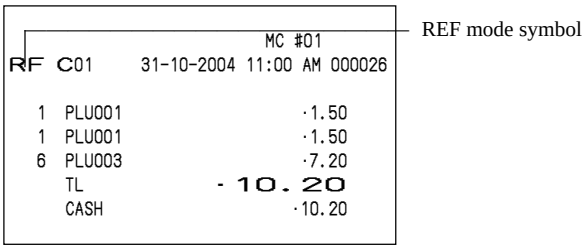
Normal refund transaction

Returned Item 1	Unit price	$1.50
	Quantity	2
Returned Item 2	Unit price	($1.20)$_{preset}$
	Quantity	6
Payment	Cash	$10.20

OPERATION



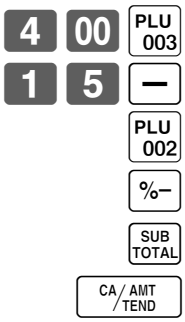
PRINTOUT (by optional remote printer)



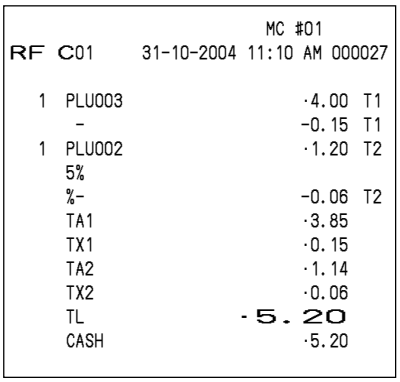
Reduction of amounts paid on refund

Returned Item 1	Unit price	$4.00
	Quantity	1
Reduction	Amount	$0.15
Returned Item 2	Unit price	($1.20)$_{preset}$
	Quantity	1
Discount	Rate	(5%)$_{preset}$
Payment	Cash	$5.20

OPERATION



PRINTOUT (by optional remote printer)



Important!

• To avoid miss registrations in the REF mode, return the mode to the former position immediately.

Registering money received on account

REG
Mode

The following example shows how to register money received on account. This registration must be performed out of a sale.

		OPERATION	PRINTOUT (by optional remote printer)
Received amount	$700.00	FUNC LIST 7 00 00 RC Amount can be up to 8 digits.	MC #01 REG C01 31-10-2004 11:15 AM 000028 RC ·700.00

Registering money paid out

REG
Mode

The following example shows how to register money paid out from the terminal. This registration must be performed out of a sale.

		OPERATION	PRINTOUT (by optional remote printer)
Paid out amount	$1.50	FUNC LIST 1 5 0 PD Amount can be up to 8 digits.	MC #01 REG C01 31-10-2004 11:20 AM 000029 PD ·1.50

Making corrections in a registration

REG
Mode

There are four techniques you can use to make corrections in a registration.

- To correct an item that you input but not yet registered.
- To correct the last item you input and registered.
- To correct the item you registered previously in the transaction.
- To cancel all items in a transaction.

To correct an item you input but not yet registered

OPERATION | **PRINTOUT (by optional remote printer)**

2 00 C 1 00 PLU 001 — Correction of unit price

1 2 X C 1 1 X — Correction of quantity

2 00 PLU 002 SUB TOTAL

1 0 00 C 1 5 00 CA/AMT/TEND CR — Correction of partial tender amount

```
                          MC #01
REG  C01     31-10-2004 11:40 AM 000033

  1  PLU001                  ·1.00
 11  PLU002                 ·22.00
     TL                   -23.00
     CASH                   ·15.00
     CREDIT                  ·8.00
```

Basic Operations and Setups

To correct an item you input and registered

OPERATION

1 00 PLU 001
2 00 PLU 002
PLU 002
VOID — Clearance

8 X
4 00 PLU 004
VOID
6 X
4 00 PLU 004 — Correction of quantity

SUB TOTAL
5 0 %–
VOID
SUB TOTAL
5 %– — Correction of discount

RF 2 00 PLU 002
VOID
RF 2 2 0 PLU 002
SUB TOTAL — Correction of refund item

2 0 00 CA/AMT TEND
VOID
1 5 00 CA/AMT TEND
CR

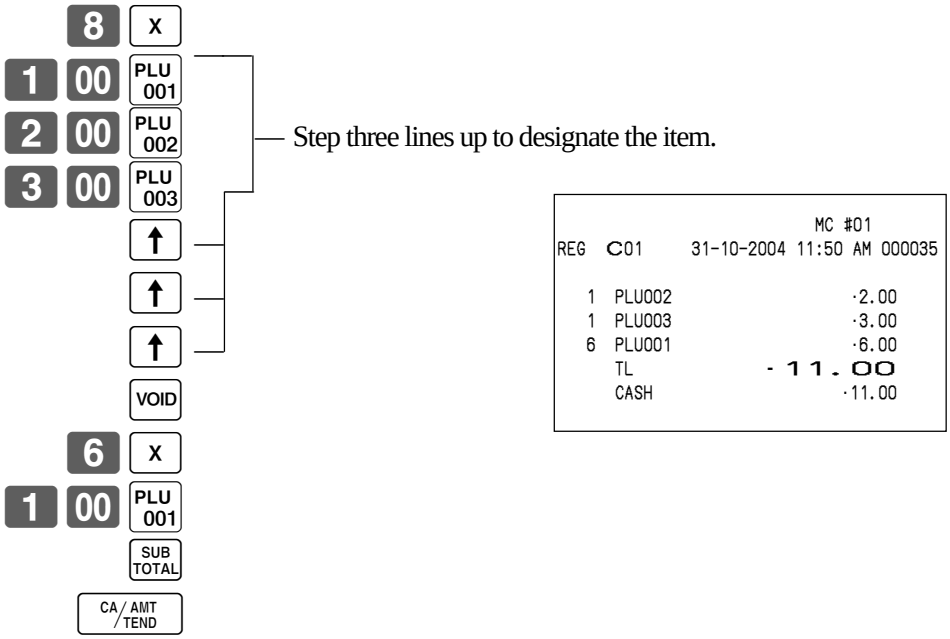
PRINTOUT (by optional remote printer)

```
                          MC #01
REG  C01     31-10-2004 11:45 AM 000034

  1  PLU001                 ·1.00
  1  PLU002                 ·2.00
  1  PLU002                 ·2.00   *
     VOID                   -2.00
  8  PLU003                ·32.00   *
     VOID                  -32.00
  6  PLU003                ·24.00
     ST                    ·27.00
     50%
     %-                   -19.25   *
     VOID                  ·19.25
     ST                    ·27.00
     5%
     %-                     -1.35
     RF                  .........
 -1  PLU002                 -2.00   *
     VOID                    ·2.00
     RF                  .........
 -1  PLU002                 -2.20
     TL              ·23.45
     CASH                  ·20.00
     VOID                  -20.00   *
     CASH                  ·15.00
     CREDIT                 ·8.45
```

* These items are printed on journal only.

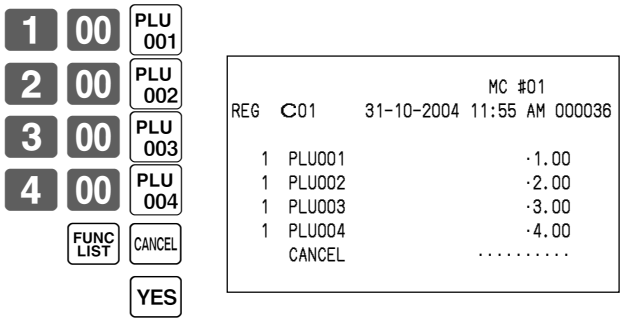
To correct the item you registered previously in this receipt

OPERATION	PRINTOUT (by optional remote printer)



To cancel all items in a transaction

OPERATION	PRINTOUT (by optional remote printer)



Pressing [YES] key is necessary to cancel the transaction.

No sale registration

REG
Mode

You can use the following procedure to open the drawer without registering a sale. This operation must be performed out of a sale.

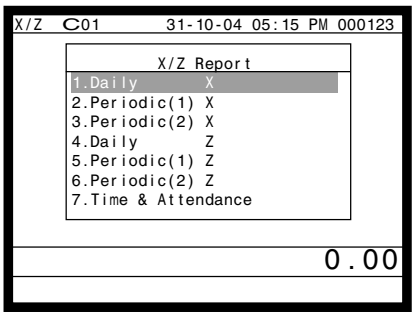
OPERATION	PRINTOUT (by optional remote printer)
[#/NS]	No receipt is issued.

Printing the daily sales reset report

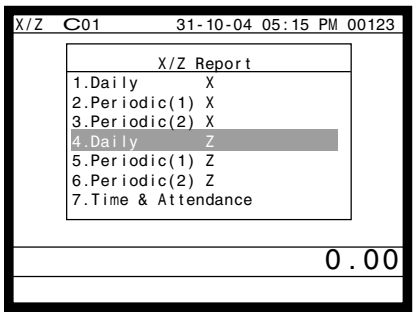
This report shows daily sales totals.

Procedure

Step 1. Press [MODE] and <X/Z > icon to turn “X/Z Report”.
Step 2. Select “4.Daily Z” and press [YES].

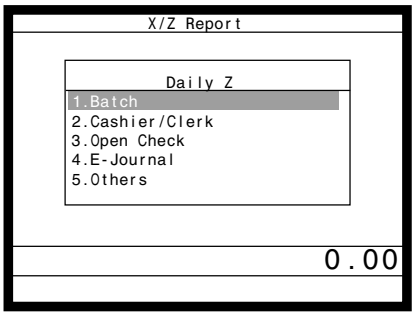


Step 1. screen

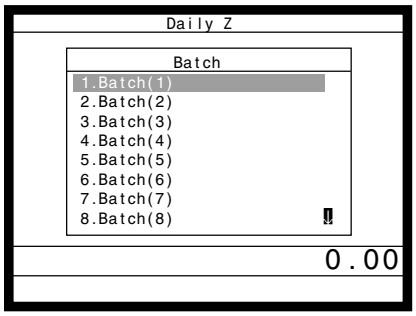


Step 2. screen

Step 3. Select “1.Batch” and press [YES].
Step 4. Select “1.Batch(1)” and press [YES].



Step 3. screen



Step 4. screen

Step 5. Press [ESC/SKIP] repeatedly to return to the “Step 1. screen”.

Printout (by optional remote printer)

```
                          MC #01          — Machine No.
Z    C01     31-10-2004 05:15 PM 000237   — Clerk/Date/Time/Consecutive No.

Z     0001011  FIXED TTL                1  — Report code/title/reset counter

GROSS               981.250    ·6,574.40  — Gross total *2
NET            No   111        ·7,057.14  — Net total *2
CAID                           ·1,919.04  — Cash in drawer *2
CKID                             ·859.85  — Check in drawer *2
CRID                             ·709.85  — Credit in drawer *2
RF             No     3          ·10.22  — Refund mode *2
DC                                 ·1.22  — Discount total *2
REF                                ·2.42  — Refund key *2
CLEAR          No    85                  — Clear key count *2
TA1                            ·2,369.69  — Taxable 1 amount *2
TX1                              ·128.86  — Tax 1 amount *2
EX1            No     0           ·0.00  — Taxable 2 amount *2
TA2                            ·2,172.96  — Tax 2 amount *2
TX2                              ·217.33
EX2            No     0           ·0.00
TA10
TX10                               ·0.00
EX10           No     0           ·0.00
GT1                          ·125478.96  — Grand total 1 *2
GT2                          ·346284.23  — Grand total 2 *2
GT3                          ·123212.75  — Grand total 3 *2

Z     0001012  FREE FUNCTION            1  — Report code/title/reset counter

CASH           No   362        ·1,638.04  — Function key count/amount *1
CHECK          No    56        ·1,174.85
RC             No     4          ·810.00
PD             No     5          ·520.00
-              No     3          ·410.00
%-             No     5            ·5.00
VOID           No    14           ·39.55
RCT            No     3
NS             No     5
CANCEL         No     1          ·100.28

Z     0001015  DEPT                   1  — Report code/title/reset counter

DEPT01              203.25     ·1,108.54  — Department count/amount *1
 DISCOUNT                         ·10.00  — Discount total
DEPT02              183        ·1,362.26
 DISCOUNT                          ·0.00
DEPT04              5            ·17.22
 DISCOUNT                          ·0.00
----------------------------------------
TL                  421.25     ·2,872.28  — Department total
 DISCOUNT                        ·112.08

Z     0001017  CASHIER/CLERK           1  — Report code/title/reset counter

C01                        ............1  — Clerk name/drawer No. *1
GROSS               421.254    ·2,872.28  — Gross total *1
NET            No   111        ·1,845.35  — Net total *1
CAID                           ·1,057.14  — Cash in drawer *1
CRID                               ·0.19  — Credit in drawer *1
CKID                               ·9.02  — Check in drawer *1

C02                        ............1  — Clerk name/drawer No.
```

*1 Zero totalled departments/functions/clerks are not printed by programming.
*2 These items can be skipped by programming.

This chapter describes more sophisticated operations that you can use to suit the needs of your retail environment.

Post-finalization receipt

The post-finalization receipt lets you issue a receipt after finalization of the transaction.
Note that all of the following conditions must be satisfied.

- The receipt issuance status must be OFF.
- The transaction must be finalized in the REG, REF or REG- mode using <CASH>, <CHARGE>, <CREDIT> or <CHECK>.

Receipt example

Item 1	Flat 1	$10.00
	Quantity	1
Item 2	Flat 2	$20.00
	Quantity	1
Payment	Cash	$30.00

OPERATION

1 0 00 [PLU 001]
2 0 00 [PLU 002]
[SUB TOTAL]
3 0 00
[CA/AMT/TEND]

Receipt is not issued.
Sign on a clerk. (if necessary)

[RECEIPT]

Post-finalization receipt is issued.

PRINTOUT
(by optional remote printer)

```
                          MC #01
REG  C01     31-10-2004 01:00 PM 001050

  1  PLU001                  ·10.00
  1  PLU002                  ·20.00
     TL                    ·30.00
     CASH                    ·30.00
     CG                       ·0.00
```

Important!

- After initialization, the terminal can issue only one post-finalization receipt per transaction.

NOTE

- This key is used for “GUEST RECEIPT” key in check tracking operation.

Inputting the number of customers

Example 1

Customer	Number	2
Item 1	Flat 1	$15.00
	Quantity	1
Item 2	Flat 2	$5.00
	Quantity	1
Payment	Cash	$20.00

OPERATION

2 [COVERS]
1 5 00 [PLU 001]
5 00 [PLU 002]
[SUB TOTAL]
2 0 00 [CA/AMT TEND]

PRINTOUT (by optional remote printer)

```
                          MC #01
REG  C01     31-10-2004 01:10 PM 001051
                             2CT

  1  PLU001                  ·15.00
  1  PLU002                   ·5.00
     TL                     ·20.00
     CASH                    ·20.00
     CG                       ·0.00
```

Example 2

You can only use the following operation to re-input the number of customers when [COVERS] (customer number key) is preset to allow re-input. When programming prohibits re-input of the number of customers, this operation causes an error.

OPERATION

3 [COVERS]
1 5 00 [PLU 001]
5 00 [PLU 002]
2 [COVERS]
[SUB TOTAL]
2 0 00 [CA/AMT TEND]

PRINTOUT (by optional remote printer)

```
                          MC #01
REG  C01     31-10-2004 01:15 PM 001052
                             2CT

  1  PLU001                  ·15.00
  1  PLU002                   ·5.00
     TL                     ·20.00
     CASH                    ·20.00
     CG                       ·0.00
```

You can re-input the number of customers either immediately after the initial input or during later registration.

Example 3

You can use the following operation to add customers to an original number of customers input (when addition to the number of the customer is allowed).

OPERATION

3 [COVERS]
1 5 00 [PLU 001]
5 00 [PLU 002]
2 [COVERS]
[SUB TOTAL]
2 0 00 [CA/AMT TEND]

PRINTOUT (by optional remote printer)

```
                          MC #01
REG  C01     31-10-2004 01:20 PM 001055
                             5CT

  1  PLU001                  ·15.00
  1  PLU002                   ·5.00
     TL                     ·20.00
     CASH                    ·20.00
     CG                       ·0.00
```

NOTE

• After initialization, the terminal does not print the number of customer on receipts.

Clerk interrupt function

There are two types of clerk interrupt function, illustrated by Procedure 1 and Procedure 2 below.

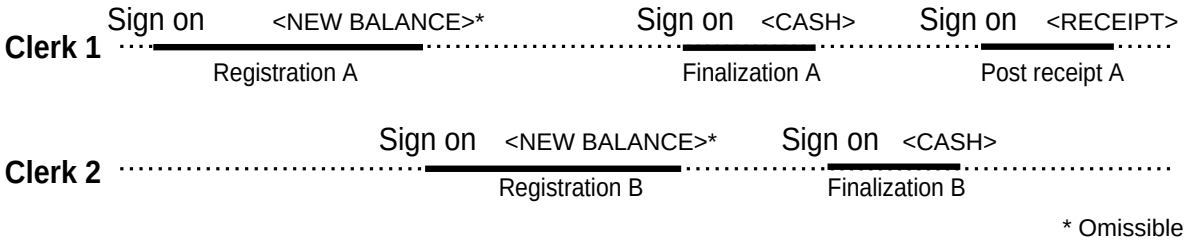
- In Procedure 1, each clerk possesses a unique clerk interrupt buffer, and so the clerk interrupt function gives each individual clerk the ability to perform an independent registration operation. In this case, each clerk is individually linked to a unique clerk interrupt buffer.
- In Procedure 2, multiple clerks use the same clerk interrupt buffer, and so a single clerk interrupt operation (clerk change during registration) can perform any registration that is in progress. In this case, multiple clerks are linked to a single clerk interrupt buffer.

In this procedure, “Allow clerk to open check No. belonging to another clerk” program is necessary.

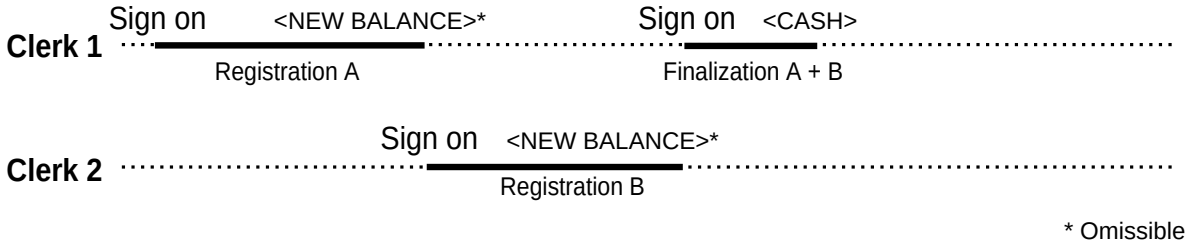
Note the following important points concerning the clerk interrupt function.

- The terminal must be programmed to allow use of the clerk interrupt function.
- In the REG, REF, and REG– modes, clerks can be change while a transaction is in progress, making it possible for multiple clerks to simultaneously perform registrations using a single terminal.
  For example, if clerk 1 is interrupted while registering a transaction, clerk 2 can use the same machine to register a different transaction. Then clerk 1 can continue the original registration from the point where it was interrupted.

Procedure 1



Procedure 2



NOTES

- A cancel operation can be performed during registration by either of the clerks. When clerk 1 signs back on (after being interrupt by clerk 2), the cancel operation cancels only the items registered after signing back on (only this receipt) or from the top of the transaction. This is selectable by the key program.
- A <NB> key must be programmed in order to use clerk interrupt.

Printing slip

To perform batch printing on the slip printer, you must first connect the slip printer (SP-1300: option) and use the memory allocation operation (see program 5 mode in the programming manual) to reserve registration buffer memory. The capacity of the registration buffer memory is determined by the number of records of registration buffer memory reserved by the memory allocation operation.

There are two ways to print slips:
1. Print all items that are registered until the last slip printing.
2. Print only additional items that are registered until the last receipt issuance (ex. charge posting system).
   If you select “option 2”, program “Auto Line Find” also.

Printing slips

The terminal can be connected to the optional SP-1300 slip printer, which features an automatic feed function and automatic back feed function.

• Automatic feed function

This function makes it possible to program the number of line feeds that should be inserted from the normal print start position before starting slip printing. Even if line feeds are programmed for this function, they are not inserted for validation printing, check endorsement printing, and check printing performed using the slip printer.

• Automatic back feed function

This function performs automatic back feed following slip printing, validation printing, and endorsement printing on the slip printer. The slip paper is released once the back feed operation is complete.

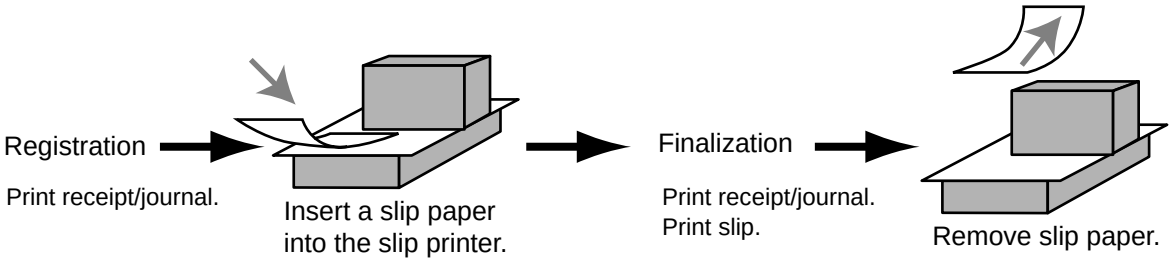
• Manual feed function

<SLIP FEED/RELEASE> (slip feed/release key: assigned to the terminal’s keyboard using the program 4 mode) can be used for manual feed of the slip paper. You perform manual feed by inputting a value for the number of lines (up to two digits in the range of 1 to 99) and then press <SLIP FEED/RELEASE>.

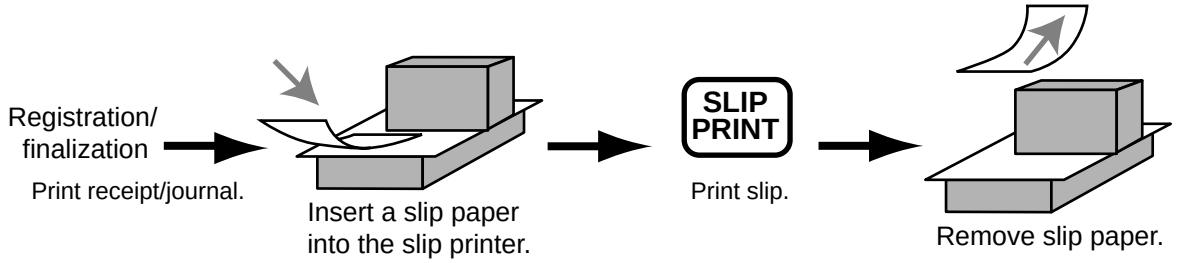
• Manual back feed function

<SLIP BACK FEED/RELEASE> (slip back feed/release key: assigned to the terminal’s keyboard using the program 4 mode) can be used for manual back feed of the slip paper. Manual back feed can be performed by inputting a value for the number of lines (up to two digits in the range of 1 to 99) and then press <SLIP BACK FEED/RELEASE>.
You can print slips using automatic or manual batch printing. The slip print operation can be performed in REG, REF, and REG– modes only.
Finalizing a registration without inserting a slip paper into the slip printer when the terminal is programmed as “Slip Automatic Batch Print Compulsory” produces an error.

To perform auto batch printing 1



To perform auto batch printing 2



About the maximum number of slip lines

You can program the maximum number of lines that can be printed on a slip. Once you do, any attempt to exceed the preset maximum results in an error. When such an error occurs, change slip paper and press <SLIP PRINT> to restart printing.

Check tracking systems

Check tracking system

With the check tracking system, the amount, check number, number of slip print lines, machine number, date/time and registration detail data are stored in two files (check tracking index file and check tracking detail file).

- Check tracking detail file and index file are cleared by the following timing:

1. Check number method: The same check number is not used during daily operation.
   The check is cleared after printing finalized data on slip or guest check receipt, or the check is also cleared when the new or old check operation is made on the terminal finalized the transaction.
2. Table number method: The same check number is used during daily operation.
   The check is cleared after printing finalized data on slip or guest check receipt, or check is also cleared when the same finalized check number is assigned in new check operation.

You can select one of these options by programming.

- Auto new balance function
  The terminal can be programmed so that whenever a clerk (by i-Button key) signs off while a check is open, a <NEW BALANCE> operation is automatically performed to temporarily finalize the open check.
- You can specify a range of checks that can be opened by each clerk. Once you do, any attempt by a clerk to open a check using a number that is not within his specified range results in an error.
- Either of the following two operations can be used to correct input of a wrong check number.
  <NEW CHECK>, <NEW/OLD>
  Re-input the correct check number, or cancel the original check number, issue a receipt, and then re-input the correct check number.
  <OLD CHECK>, <NEW/OLD>
  Temporary finalize the original check number, issue a receipt, and then re-input the correct check number.
  Printing examples are described under “Print Additional item only” programming.

Opening a check

Example

Check#		1234
Table#		33
Item 1	Flat 1	$10.00
	Quantity	2
Item 2	Flat 2	$20.00
	Quantity	2
Item 3	Flat 3	$30.00
	Quantity	1

OPERATION

1 2 3 4 [NEW CHECK]
3 3 [TABLE #]
1 0 00 [PLU 001]
[PLU 001]
2 0 00 [PLU 002]
[PLU 002]
3 0 00 [PLU 003]
Insert slip
[NB]
Remove slip

PRINTOUT (by optional remote printer)

```
                          MC #01
REG  C01     31-10-2004 01:30 PM 001056
CHECK No. 1234                #000033
  1  PLU001                   ·10.00
  1  PLU001                   ·10.00
  1  PLU002                   ·20.00
  1  PLU002                   ·20.00
  1  PLU003                   ·30.00
     +                         ·0.50
     SRVC TL              ·90.50
```

Check No./Table No.

New balance fee

Press <NEW BALANCE> to temporarily finalize the transaction. If you want to finalize a check immediately, use <CASH>, <CHARGE>, <CREDIT> or <CHECK>.

Adding to a check

Example

Check#		1234
Table#		33
Item 1	Flat 1	$30.00
	Quantity	1
Item 2	Flat 2	$10.00
	Quantity	1

OPERATION

* 1 2 3 4 [OLD CHECK]
3 0 00 [PLU 001]
1 0 00 [PLU 002]
Insert slip
[NB]
Remove slip

PRINTOUT (by optional remote printer)

```
                          MC #01
REG  C01     31-10-2004 01:35 PM 001057
CHECK No. 1234                #000033
     ST                       ·90.50
  1  PLU001                   ·30.00
  1  PLU002                   ·10.00
     +                         ·0.50
     SRVC TL             ·131.00
```

* Instead of designating the old check number directly, you can register the appropriate old check number (icon) in the check number pop-up window. (Refer to the page 18 of this manual.)

- The table number is stored in the check tracking index memory so its input is not required in this operation even if table number input is preset as compulsory. Table number input after inputting the check number may be performed, however, without generating an error.
- Once a check is opened under a number in REG mode, the same mode must be used to make additions to the check.

Issuing a guest receipt

The following operation can be used to print out the balance of a temporarily finalized check.

Example

OPERATION	PRINTOUT (by optional remote printer)
1 2 3 4 RECEIPT Input the number of check you want.	

```
                        MC #01
REG   C01     31-10-2004 01:30 PM 001056
CHECK No 1234                  #000033

   1  PLU001                  ·10.00
   1  PLU001                  ·10.00
   1  PLU002                  ·20.00
   1  PLU002                  ·20.00
   1  PLU003                  ·30.00
      +                        ·0.50
   1  PLU001                  ·30.00
   1  PLU002                  ·10.00
      +                        ·0.50
      SRVC TL          - 131.00

****    GUEST BOTTOM MESSAGE 1      ****
****    GUEST BOTTOM MESSAGE 2      ****
****    GUEST BOTTOM MESSAGE 3      ****
                :
****    GUEST BOTTOM MESSAGE10      ****
```

Guest receipt message

Closing a check memory

Example

OPERATION	PRINTOUT (by optional remote printer)
1 2 3 4 OLD CHECK **Insert slip** 1 5 0 00 CA/AMT TEND	

```
                        MC #01
REG   C01     31-10-2004 01:40 PM 001058
CHECK No. 1234                 #000033

      ST                      ·131.00
      TL                - 131.00
      CASH                    ·150.00
      CG                       ·19.00
```

PRINTOUT
(by optional slip printer)

```
                                MC #01
REG  C01     31-10-2004 01:40 PM 001058
CHECK No.1234                  #000033
   1 PLU001                      ·10.00
   1 PLU001                      ·10.00
   1 PLU002                      ·20.00
   1 PLU002                      ·20.00
   1 PLU003                      ·30.00
     +                            ·0.50
#11  SRVC TL                  ·90.50
   1 PLU001                      ·30.00
   1 PLU002                      ·10.00
     +                            ·0.50
#15  SRVC TL                 ·131.00
     TL                      ·131.00
     CASH                       ·150.00
     CG                          ·19.00
```

New/old check key operation

When the <NEW/OLD> is pressed, check number pop-up window is opened. If the check number you want to use exists in the window, just press the icon and continue the registration.

Example: The check number exists in the window

Just press the icon instead of entering the check number, and continue the registration.

OPERATION | **PRINTOUT (by optional remote printer)**

Press the check 3456 icon.

1 0 00 PLU 001
2 0 00 PLU 002
NB

```
                                MC #01
REG  C01     31-10-2004 01:50 PM 001060
CHECK No.3456

     ST                          ·10.00
   1 PLU001                      ·10.00
   1 PLU002                      ·20.00
     +                            ·0.50
     SRVC TL                 ·40.50
```

Example: The check number does not exist in the window

If there is no appropriate check number in the window, enter the appropriate check number and press the <NEW/OLD> key. In this operation, the <NEW/OLD> key is treated as <NEW> key.

OPERATION | **PRINTOUT (by optional remote printer)**

3 3 3 3 NEW /OLD

Input a check number and press <NEW/OLD>.

1 0 00 PLU 001
2 0 00 PLU 002
NB

```
                                MC #01
REG  C01     31-10-2004 01:56 PM 001061
CHECK No.3333

   1 PLU001                      ·10.00
   1 PLU002                      ·20.00
     +                            ·0.50
     SRVC TL                 ·30.50
```

Add check

This operation lets you combine the amounts of more than one check into a single check.

Example

Registration for check number 1234

OPERATION | **PRINTOUT (by optional remote printer)**

Original check

Check#		1234
Item 1	Flat 1	$10.00
	Quantity	1
Item 2	Flat 2	$20.00
	Quantity	1

1 2 3 4 NEW /OLD
3 3 TABLE #
1 0 00 PLU 001
2 0 00 PLU 002
NB

```
                    MC #01
REG  C01    31-10-2004 02:00 PM 001062
CHECK No. 1234                #00033

  1  PLU001                  ·10.00
  1  PLU002                  ·20.00
     +                        ·0.50
     SRVC TL             ·30.50
```

Registration for check number 3456

OPERATION | **PRINTOUT (by optional remote printer)**

Added check

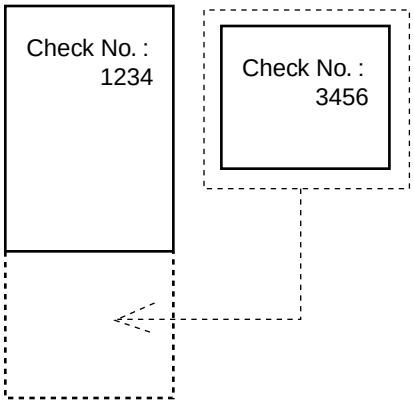
Check#		3456
Item	Flat 1	$30.00
	Quantity	1

3 4 5 6 NEW /OLD
3 0 00 PLU 001
NB

```
                    MC #01
REG  C01    31-10-2004 02:05 PM 001063
CHECK No. 3456

  1  PLU001                  ·30.00
     +                        ·0.50
     SRVC TL             ·30.50
```

Registration for check number 1234

OPERATION | **PRINTOUT (by optional remote printer)**



NEW /OLD

Press the check 1234 icon.

3 4 5 6 ADD CHECK
NB

```
                    MC #01
REG  C01    31-10-2004 02:10 PM 001064
CHECK No. 1234                #0033

     ST                      ·30.50
     ADD CHK                   3456
     ST                      ·30.50
     +                        ·0.50
     SRVC TL             ·61.50
```

These lines are not printed on receipt.

Separate check

This operation makes it possible to split a single check into separate checks.

Example

Original check

Check#		1234
Item 1	Flat 1	$10.00
	Quantity	1
Item 2	Flat 2	$20.00
	Quantity	1
Item 3	Flat 3	$30.00
	Quantity	2
Item 4	Flat 4	$40.00
	Quantity	1

Separated check

Check#		3456
Item 1	Flat 1	$10.00
	Quantity	1
Item 2	Flat 3	$30.00
	Quantity	1
Payment	Cash	$40.00

OPERATION **DISPLAY**

3 4 5 6 NEW /OLD

SEPARATE CHECK

Check pop-up window is opened.

Press the check 1234 icon.

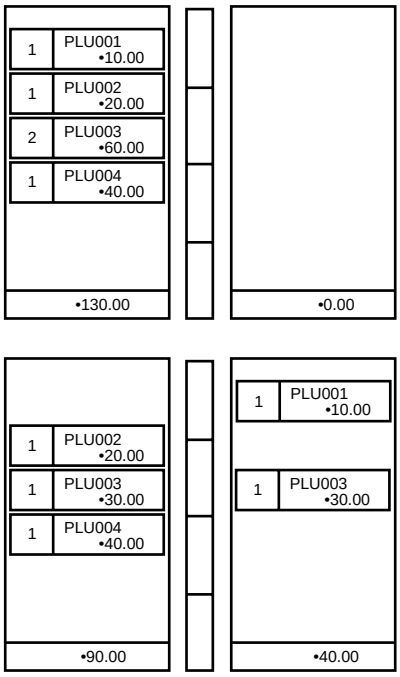
Separate check window is opened.

Touch the item1 and item 3 of the original check.

Item 1 and 3 are moved from the original check to separated check.

Press <OK>.

4 0 00 CA/AMT TEND



PRINTOUT
(by optional remote printer)

```
                          MC #01
REG  C01     31-10-2004 02:15 PM 001065
CHECK No.3456

  1  PLU001                  ·10.00
  1  PLU003                  ·30.00
     ST                     ·40.00
     CASH                    ·40.00
     CG                       ·0.00
```

Clerk transfer

This operation lets you change the clerk who is in charge of a specific open check number.

Example

To change the clerk for check number 1234 from clerk 1 to clerk 4.

OPERATION | **PRINTOUT (by optional remote printer)**

[CLK#]

Press this key if you do not want the clerk No. or clerk secret No. to appear on the display.

[1] [CLK TRANS]

Input the clerk No. of the clerk who is currently in charge of check No. 1234 (target check).

[4] [OPE #]

Input the clerk No. of the clerk who will take over check No. 1234 (target check).

[1] [2] [3] [4] [NEW CHECK]

Input the target check No. that is transferred from clerk 1 to 4.
You can use either <OLD CHK>, <NEW/OLD>.
Note that if you skip this step, all check Nos currently assigned to clerk 1 are transferred to clerk 4.

[CLK TRANS]

```
                          MC #01
REG  C01     31-10-2004 02:20 PM 001067

CLK TRANS
 C01            C04
  1234                        ·60.50
----------------------------------------
   TL                         ·60.50
```

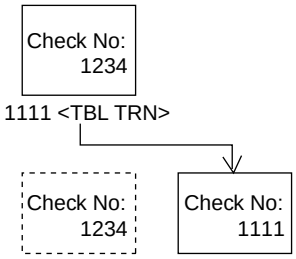
Check No./ NB amount

Table transfer

With this operation, you can change the number of a check.

Example 1

To change the check number 1234 to 1111 (which is newly opened).



OPERATION | **PRINTOUT (by optional remote printer)**

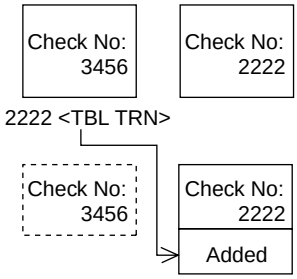
[1] [2] [3] [4] [NEW CHECK]
[1] [0] [00] [PLU 001]
[1] [1] [1] [1] [TABLE TRANS]

Input the new check No.

```
                          MC #01
REG  C01     31-10-2004 02:25 PM 001066
CHECK No. 1234

   1  PLU001                   ·10.00
      Check No.                  1234
      ST                       ·10.00
      TBL TRANS                  1111
      SRVC TL               ·10.00
```

Example 2

To change the check number 3456 to 2222 (which has already been opened).



OPERATION | **PRINTOUT (by optional remote printer)**

[3] [4] [5] [6] [OLD CHECK]
[1] [0] [00] [PLU 001]
[2] [2] [2] [2] [TABLE TRANS]

```
                          MC #01
REG  C01     31-10-2004 02:30 PM 001069
CHECK No. 3456

      ST                       ·10.00
   1  PLU001                   ·10.00
      Check No.                  3456
      ST                       ·20.00
      TBL TRANS                  2222
      SRVC TL               ·30.00
```

Condiment/preparation PLUs

You can force entering condiment or preparation PLU after the main PLU registration by programming.

Example (condiment PLU)

Main item	Flat 1	$10.00
Condiment	Flat 3	$0.10
	PLU 12	$0.20
	PLU 13	$0.30
Payment	Cash	$10.60

OPERATION

PLU 001

Registering main PLU.
In case of condiment compulsory, no condiment registration occurs an error condition.

PLU 003

1 2 PLU

1 3 PLU

CA/AMT/TEND

PRINTOUT (by optional remote printer)

```
                          MC #01
REG  C01     31-10-2004 02:50 PM 001080

  1  PLU001                  ·10.00
  1   PLU003                  ·0.10
  1   PLU012                  ·0.20
  1   PLU013                  ·0.30
     TL                     ·10.60
     CASH                    ·10.60
```

Example (preparation PLU)

Main item	Flat 2	$20.00
Preparation	Flat 4	$0.00
	PLU 22	$0.00
	PLU 23	$0.00
Payment	Cash	$20.00

OPERATION

PLU 002

Registering main PLU.

PLU 004

2 2 PLU

2 3 PLU

CA/AMT/TEND

PRINTOUT (by optional remote printer)

```
                          MC #01
REG  C01     31-10-2004 02:55 PM 001081

  1  PLU002                  ·20.00
  1   PLU004
  1   PLU022
  1   PLU023
     TL                     ·20.00
     CASH                    ·20.00
```

Text recall

This procedure is used to recall text by inputting the address where the text is stored. The recalled text is printed on the receipt and journal. You can also choose recall texts by text recall sub window, which is shown by pressing <TEXT RECALL> directly.

Example

Item 1	Flat 1	$46.00
	Quantity	1
Item 2	Flat 2	$10.00
	Quantity	1
Payment	Cash	$56.00
Text 1	MEDIUM SIZE	
Text 2	SMALL SIZE	

OPERATION

4 6 00 PLU 001

1 TEXT RECALL

1 0 00 PLU 002

2 TEXT RECALL

SUB TOTAL

CA/AMT/TEND

PRINTOUT (by optional remote printer)

```
                          MC #01
REG  C01     31-10-2004 03:00 PM 001082

  1  PLU001                  ·46.00
MEDIUM SIZE
  1  PLU002                  ·10.00
SMALL SIZE
     TL                     ·56.00
     CASH                    ·56.00
```

Deposit registrations

Use the following procedures to register deposits.

Deposit from customer

Deposit	Cash	$50.00

OPERATION

5 0 00 DEPOSIT − CA/AMT TEND

PRINTOUT (by optional remote printer)

```
                          MC #01
REG  C01     31-10-2004 03:05 PM 001083

  DEPO-                       ·50.00
  TL                        ·50.00
  CASH                        ·50.00
```

Deposit from customer during sales transaction

Items	Flat 1	$10.00
	Flat 2	$20.00
Deposit		$20.00
Payment	Cash	$10.00

OPERATION

1 0 00 PLU 001
2 0 00 PLU 002
2 0 00 DEPOSIT +
CA/AMT TEND

PRINTOUT (by optional remote printer)

```
                          MC #01
REG  C01     31-10-2004 03:10 PM 001084

 1 PLU001                     ·10.00
 1 PLU002                     ·20.00
   DEPO+                     -20.00
   TL                        ·10.00
   CASH                        ·10.00
```

• You can select “DEPO+” or “DEPO-” by programming.

List-# registrations

By using <LIST-#>, you can register the item by selecting items in the “LIST” pop-up window.

Example

List-10	
1. PLU0010	$1.00
2. PLU0012	$2.00
3. PLU0015	$5.00
4. PLU0100	$1.25
5. PLU0111	$12.98

Item	PLU0015	$5.00
	Quantity	1
Payment	Cash	$5.00

OPERATION

1 0 LIST#

Touch the appropriate item in the “LIST” pop-up window.

CA/AMT TEND

DISPLAY

See page 18 of this manual.

PRINTOUT (by optional remote printer)

```
                          MC #01
REG  C01     31-10-2004 03:15 PM 001085

 1 PLU015                      ·5.00
   TL                        ·5.00
   CASH                        ·5.00
```

Bill copy

Example

To issue a copy of a bill dated September 30, 2004 in the amount of $35.00 cash.

OPERATION	PRINTOUT (by optional remote printer)
3 0 0 9 0 4 BILL COPY Enter date by date order.	
3 5 00 CA/AMT TEND	

```
********* BILL TOP MESSAGE 1 ***********
********* BILL TOP MESSAGE 2 ***********
********* BILL TOP MESSAGE 3 ***********
********* BILL TOP MESSAGE 4 ***********

                        MC #01
REG  C01     30-09-2004

********* BILL COPY MESSAGE 1 **********
********* BILL COPY MESSAGE 2 **********
********* BILL COPY MESSAGE 3 **********
********* BILL COPY MESSAGE 4 **********
   TA1                        ·35.00
   TX1                         ·3.50
   TL                     ·38.50
   CASH                       ·38.50

********** BILL BTM MESSAGE 1 **********
********** BILL BTM MESSAGE 2 **********
********** BILL BTM MESSAGE 3 **********
********** BILL BTM MESSAGE 4 **********
```

Bill top message *1

Bill copy message *1

Add-on tax amount

Bill bottom message *1

*1 Programmable option

Note that you can finalize this operation using the cash amount tendered key.

Tray total

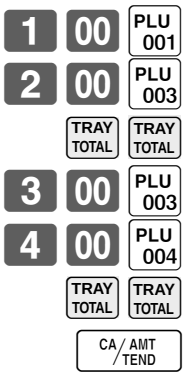
Multiple item totalling function

This function accumulates all items registered from the first item registered up to point that <TRAY TOTAL> is pressed two times, or all items between two presses of <TRAY TOTAL> . Pressing <TRAY TOTAL> two times displays the total amount with the tax included and prints it on the receipt and journal (printing on receipt and journal is programmable.)

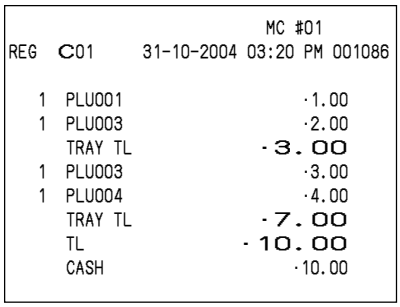
Example

CustomerA	Flat 1	$1.00
	Flat 3	$2.00
CustomerB	Flat 3	$3.00
	Flat 4	$4.00
Payment	Cash	$10.00

OPERATION



PRINTOUT (by optional remote printer)



```
                          MC #01
REG  C01     31-10-2004 03:20 PM 001086

  1  PLU001                  ·1.00
  1  PLU003                  ·2.00
     TRAY TL               ·3.00
  1  PLU003                  ·3.00
  1  PLU004                  ·4.00
     TRAY TL               ·7.00
     TL                   ·10.00
     CASH                    ·10.00
```

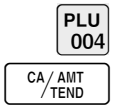
Set menu

When you register a set menu, the unit price of the parent PLU is used. The price of each set menu item is also added to each respective PLU totalizer and counter.

Example

Set menu	Flat 4	$5.00
Item 1	PLU 31	$2.00
Item 2	PLU 32	$2.00
Item 3	PLU 33	$1.00
Item 4	PLU 34	$1.00
Payment	Cash	$5.00

OPERATION



PRINTOUT (by optional remote printer)

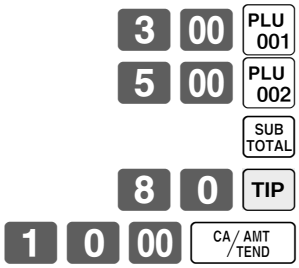
```
                          MC #01
REG  C01     31-10-2004 03:25 PM 001087

  1  PLU004                    ·5.00
      PLU031
      PLU032
      PLU033
      PLU034
     TL                      ·5.00
     CASH                      ·5.00
```

Tips

Example

Item 1	Flat 1	$3.00
	Quantity	1
Item 2	Flat 2	$5.00
	Quantity	1
Tip	Amount	$0.80
Payment	Cash	$10.00

OPERATION



PRINTOUT (by optional remote printer)

```
                          MC #01
REG  C01     31-10-2004 03:30 PM 001088

  1  PLU001                    ·3.00
  1  PLU002                    ·5.00
     TIP                       ·0.80
     TL                      ·8.80
     CASH                     ·10.00
     CG                        ·1.20
```

Stock check

Each PLU has an actual stock totalizer that you can program with a minimum stock quantity. The terminal checks actual stock quantities against the programmed minimum stock quantities. Stock operations are performed only for PLUs programmed with minimum stock quantities.

Stock warnings

When the minimum stock value of an item is set, the terminal subtracts its stock quantity from the registered quantity (or registered quantity × unit stock).
The following warning indicates stock problem to the operator.

- Negative stock:
  This indicates that the actual stock quantity is negative. The terminal to treat this condition as an error.
- Under minimum stock:
  This indicates that the actual stock quantity is less than the minimum stock quantity. The terminal sounds buzzer when the actual stock quantity is less than the minimum stock quantity.

Notes

- None of the warning indicators appear unless the terminal is specifically programmed for the stock check operation.
- Stock operations can be performed for registrations in the REF mode or those performed with <REFUND> (the refund key).
- An error correct, void, or cancel operation restores the original value of items back in stock value.

(You can change the stock calculation formula of REF mode, <REFUND> or <VOID> by programming.)

Actual stock quantity inquiry

With this operation, you can recall the actual stock quantity for PLUs and show it on the display of the terminal.

Example

To inquire the actual stock quantity of flat-PLU 001.

OPERATION	DISPLAY
STOCK INQ PLU 001	REG C01 31-10-04 03:30 PM 001580 PLU001 10.05

Actual stock quantity

Single item cash sales

A department key, subdepartment or PLU programmed with single item sale status finalizes the transaction as soon as it is registered.
The single item sales function cannot work properly if the keyboard does not include <CASH> (the cash key).
The single item sales function can only be used for cash sales.

Example 1

Item	Flat 1	$1.00
	Quantity	1
	Status	S.I.S
Payment	Cash	$1.00

OPERATION

1 00 PLU 001

The transaction is immediately finalized.

PRINTOUT (by optional remote printer)

```
                          MC #01
REG  C01     31-10-2004 03:35 PM 001089

  1  PLU001                    ·1.00
     TL                      ·1.00
     CASH                      ·1.00
```

Example 2

Item	Flat 1	($1.00)
	Quantity	3
	Status	S.I.S
Payment	Cash	$3.00

OPERATION

3 X PLU 001

The transaction is immediately finalized.

PRINTOUT (by optional remote printer)

```
                          MC #01
REG  C01     31-10-2004 03:40 PM 001090

  3  PLU001                    ·3.00
     TL                      ·3.00
     CASH                      ·3.00
```

Example 3

Item 1	Flat 4	$2.00
	Quantity	1
	Status	Normal
Item 2	Flat 1	$1.00
	Quantity	1
	Status	S.I.S
Payment	Cash	$3.00

OPERATION

2 00 PLU 004 PLU 001

The transaction is not finalized. Because another item is registered before the single item sales.

CA/AMT TEND

PRINTOUT (by optional remote printer)

```
                          MC #01
REG  C01     31-10-2004 03:40 PM 001090

  1  PLU004                    ·2.00
  1  PLU001                    ·1.00
     TL                      ·3.00
     CASH                      ·3.00
```

Addition

Addition (plus)

Example

Item 1	Flat 1	$1.00
	Quantity	1
	Addition	$0.10
Item 2	Flat 1	$2.00
	Quantity	3
	Addition	3 × ($0.20)
Payment	Cash	$7.70

OPERATION

1 00 PLU 001
1 0 +
3 X
2 00 PLU 001
3 X
+
CA/AMT TEND

PRINTOUT (by optional remote printer)

```
                    MC #01
REG  C01   31-10-2004 03:50 PM 001100

  1  PLU001                  ·1.00
     +                       ·0.10
  3  PLU001                  ·6.00
     +                       ·0.60
     TL                     ·7.70
     CASH                    ·7.70
```

Premium (%+)

Example

Item 1	Flat 1	$1.00
	Quantity	1
	Premium	10%
Item 2	Flat 1	$2.00
	Quantity	3
Subtotal	Premium	(15%)
Payment	Cash	$8.17

OPERATION

1 00 PLU 001
1 0 %+
3 X
2 00 PLU 001
SUB TOTAL
%+
CA/AMT TEND

PRINTOUT (by optional remote printer)

```
                    MC #01
REG  C01   31-10-2004 03:50 PM 001101

  1  PLU001                  ·1.00
     10%
     %+                      ·0.10
  3  PLU001                  ·6.00
     ST                      ·7.10
     15%
     %+                      ·1.07
     TL                     ·8.17
     CASH                    ·8.17
```

Coupon transactions

Note that error occurs when the result of the coupon (not coupon 2) registration is negative, if the terminal is programmed to prohibit credit balances.

Coupon registration using <COUPON> (coupon key)

Example

Item 1	Flat 1	$3.00
	Quantity	2
	Coupon	$0.50 × 2
Item 2	Flat 3	$4.00
	Quantity	1
	Coupon	($1.00)
Payment	Cash	$8.00

OPERATION

2 [X]
3 00 [PLU 001]
2 [X]
5 0 [CPN]
4 00 [PLU 003]
[CPN]
[CA/AMT TEND]

PRINTOUT (by optional remote printer)

```
                    MC #01
REG  C01   31-10-2004 04:00 PM 001110

  2 PLU001                  ·6.00
    COUPON                 -1.00
  1 PLU003                  ·4.00
    COUPON                 -1.00
    TL                    ·8.00
    CASH                    ·8.00
```

Coupon registration using <CPN2> (coupon 2 key)

Example

Item 1	Flat 1	$15.00
	Quantity	1
	Coupon 2 Flat 1	$1.50
Item 2	Flat 2	$5.00
	Quantity	1
	Coupon 2 Flat 2	($0.50)
Payment	Cash	$18.00

OPERATION

1 5 00 [PLU 001]
[CPN2] 1 5 0 [PLU 001]
5 00 [PLU 002]
[CPN2] 5 0 [PLU 002]
[CA/AMT TEND]

PRINTOUT (by optional remote printer)

```
                    MC #01
REG  C01   31-10-2004 04:05 PM 001111

  1 PLU001                 ·15.00
    CPN2                  ..........
  1 PLU001                 -1.50
  1 PLU002                  ·5.00
    CPN2                  ..........
  1 PLU002                 -0.50
    TL                    ·18.00
    CASH                    ·18.00
```

Registering the second unit price

Second unit prices along with quantity modifiers can be programmed to PLUs. Pressing <1st@> (1st unit price key)/<2nd@> (2nd unit price key) calls up the first/second unit price, quantity modifier, and descriptor. Totalizers and inventory are adjusted by multiplying the number of items being registered by the quantity modifier programmed to the PLU being registered.

- <1st@> or <2nd@> must be pressed before each registration of a PLU.
- Second unit price registration is not available with open PLUs when unit price is not preset.
- Second unit prices and quantity modifiers are assigned to PLUs using programming procedures described in the programming manual.

Example 1

Item 1	Flat 1 2nd@	($10.00)
	Quantity	1
	2nd Q'ty	1
Item 2	PLU 10 2nd@	($5.00)
	Quantity	1
	2nd Q'ty	1
Payment	Cash	$15.00

OPERATION

[2nd@] [PLU 001]

The operation declares that the next input is a second unit price.

[2nd@] [1] [0] [PLU]

[SUB TOTAL]

[CA/AMT TEND]

PRINTOUT (by optional remote printer)

```
                    MC #01
REG  C01   31-10-2004 04:10 PM 001112

  1  PLU001              ·10.00
  1  PLU010               ·5.00
     TL                  ·15.00
     CASH                ·15.00
```

2nd@ descriptor/ amount

Example 2

Item	Flat 2 2nd@	($10.00)
	Quantity	5
	2nd Q'ty	3
Payment	Cash	$50.00

OPERATION

[5] [X]

[2nd@] [PLU 002]

[5] [0] [00] [CA/AMT TEND]

PRINTOUT (by optional remote printer)

```
                    MC #01
REG  C01   31-10-2004 04:15 PM 001113

  5  PLU002              ·50.00
     TL                  ·50.00
     CASH                ·50.00
     CG                   ·0.00
```

Example 3

The procedure shown on the previous page applies when the terminal is programmed not to maintain the 1st/2nd price shift. When the terminal is programmed to maintain the 1st/2nd price shift, the procedure below applies.

Item 1	Flat 1 2nd@	($10.00)
	Quantity	1
	2nd Q'ty	1
Item 2	Flat 2 2nd@	($5.00)
	Quantity	1
	2nd Q'ty	1
Item 3	Flat 1	($1.00)
	Quantity	1
	2nd Q'ty	1
Payment	Cash	$16.00

OPERATION

[2nd@] [PLU 001]

This operation shifts to registration of second unit price.

[PLU 002]

[1st@] [PLU 001]

This operation shifts to registration of normal (first) unit price.

[1] [6] [00] [CA/AMT TEND]

PRINTOUT (by optional remote printer)

```
                          MC #01
REG  C01     31-10-2004 04:20 PM 001114

  1  PLU001                  ·10.00
  1  PLU002                   ·5.00
  1  PLU001                   ·1.00
     TL                     · 16.00
     CASH                    ·16.00
     CG                       ·0.00
```

Preset tender amount

An amount up to six digits long can be programmed to <CASH> (cash/amount tendered key). Then, when <CASH> is pressed without inputting a value, the programmed value is automatically registered and the transaction is finalized. When an amount is programmed to <CASH>, attempting to manually input an amount results in an error.

Example 1

Item	Flat 1	$8.00
	Quantity	1
Payment	Cash	($10.00)

OPERATION

8 00 [PLU 001]

[CA/AMT TEND]

The preset amount is tendered.

PRINTOUT (by optional remote printer)

```
                    MC #01
REG  C01   31-10-2004 04:30 PM 001120

  1  PLU001                  ·8.00
     TL                     ·8.00
     CASH                  ·10.00
     CG                     ·2.00
```

Example 2

Item	Flat 1	$15.00
	Quantity	1
Payment	Check	$5.00
	Cash	($10.00)

OPERATION

1 5 00 [PLU 001]

1 0 00 [CA/AMT TEND]

An error occurs by manual input

([C])

5 00 [CHK/TEND]

[CA/AMT TEND]

PRINTOUT (by optional remote printer)

```
                    MC #01
REG  C01   31-10-2004 04:35 PM 001121

  1  PLU001                 ·15.00
     TL                     ·15.00
     CHECK                   ·5.00
     CASH                   ·10.00
     CG                      ·0.00
```

Arrangement key registrations

Key (job/command) operations can be assigned to an <ARRANGE> (arrangement key). Then, simply pressing <ARRANGE> performs all of the key functions assigned to it.

Example

Arrangement 1		
Item 1	PLU 10	($8.00)
	Quantity	1
Item 2	PLU 20	($5.00)
	Quantity	1
Payment	Cash	$13.00

OPERATION

ARR

PRINTOUT (by optional remote printer)

```
                          MC #01
REG  C01     31-10-2004 04:45 PM 001130

   1  PLU010                  ·8.00
   1  PLU020                  ·5.00
      TL                    · 13.00
      CASH                   ·13.00
```

Currency exchange function

When <CE> (currency exchange key) and <ST> are pressed, a current subtotal including tax is converted into foreign currency and the result is displayed.
Before using the currency exchange function, it is necessary to program the conversion rate and foreign currency amount symbol.

Registering foreign currency

Full amount tender in a foreign currency

* Pre-programmed exchange rate: ¥ 100 = $0.9524

Important!

Tenders in a foreign currency can be registered using the [CA/AMT/TEND] and [CHK/TEND] only.
Other finalize keys cannot be used.

OPERATION

[1] [0] [00] [PLU 001] ← Enter the unit price and press the applicable flat-PLU key.

[2] [0] [00] [PLU 002] ← Enter the next unit price and press the applicable flat-PLU key.

[CE] [SUB TOTAL] ← Press [CE] and [SUB TOTAL] without entering a numeric value. This operation converts the subtotal (including tax) dollar value into yen by applying a pre-programmed exchange rate. The result is shown on the display and printed on the receipt/journal by programming.

[CE] [5] [0] [00] (¥5,000) ← Press [CE] and enter the amount tendered in yen. This operation converts the entered yen amount into dollars by applying a pre-programmed exchange rate. The result is shown on the display.

[CA/AMT/TEND] ← Press to finalize the transaction. Note that you do not need to reenter the dollar amount.
The terminal automatically calculates the change amount due in dollars and shows it on the display, receipts and journal.

DISPLAY

```
REG C01          31-10-04 05:00 PM 001150
  1 PLU001                      ·10.00
  1 PLU002                      ·20.00
    TL                        ·30.00
    CE
    CASH                        ¥5,000
    CASH                        ·47.62
    CG                          ·17.62

CG                            ·17.62
```

PRINTOUT (by optional remote printer)

```
                          MC #01
REG  C01     31-10-2004 05:00 PM 001150

  1  PLU001                     ·10.00
  2  PLU002                     ·20.00
     TL                       ·30.00
     CE
     CASH                       ¥5,000
     CASH                       ·47.62
     CG                         ·17.62
```

Partial tender in a foreign currency

* Pre-programmed exchange rate: ¥ 100 = $0.9524

Important!

Tender in a foreign currency can be registered using [CA/AMT/TEND] and [CHK/TEND] only. Other finalization keys cannot be used, but the remaining tender in local currency can be finalized using any finalize key.

OPERATION

[1] [0] [00] [PLU 001] ← Enter the unit price and press the applicable flat-PLU key.

[2] [0] [00] [PLU 002] ← Enter the next unit price and press the applicable flat-PLU key.

[CE] [SUB TOTAL] ← Press [CE] and [SUB TOTAL] without entering a numeric value. This operation converts the subtotal (including tax) dollar value into yen by applying a pre-programmed exchange rate. The result is shown on the display and printed on the receipt/journal by programming.

[CE] [2] [0] [00] (¥2,000) ← Press [CE] and enter the partial amount tendered in yen.
This operation converts the entered yen amount into dollars by applying a pre-programmed exchange rate. The result is shown on the display.

[CA/AMT/TEND] ← Press [CA/AMT/TEND] to specify cash tender for the yen partial tender. Note that you do not need to reenter the dollar amount.
The terminal automatically deducts the dollar equivalent of the yen amount tendered from the total amount due and shows the rest amount on the display.

[CHK/TEND] ← Press to finalize the transaction.

DISPLAY

```
REG C01          31-10-04 05:05 PM 001151
  1 PLU001                      ·10.00
  1 PLU002                      ·20.00
    TL                        ·30.00
    CE
    CASH                        ¥2,000
    CASH                        ·19.05
    CHECK                       ·10.95

CHK                           ·10.95
```

PRINTOUT (by optional remote printer)

```
                          MC #01
REG  C01     31-10-2004 05:05 PM 001151

  1  PLU001                   ·10.00
  1  PLU002                   ·20.00
     TL                     ·30.00
     CE
     CASH                     ¥2,000
     CASH                     ·19.05
     CHECK                    ·10.95
```

Advanced Operations

Temporarily releasing compulsion

<OPEN> (open key) can release HDL (High Digit Limitation)/LDL (Low Digit Limitation) and can be programmed to release HAL (High Amount Limit).
<OPEN 2> (open 2 key) can be programmed to release specific compulsion.

Example 1

Item	Flat 1	$10.00
	HAL	$1.00
Payment	Cash	$10.00

OPERATION

1 0 00 PLU 001

ERROR occur

* OPEN

1 0 00 PLU 001

CA/AMT TEND

PRINTOUT (by optional remote printer)

```
                    MC #01
REG  C01   31-10-2004 05:15 PM 001160

  1  PLU001                  ·10.00
     TL                     - 10.00
     CASH                    ·10.00
```

* In this case, OPEN should be programmed to “release high amount limit”.

Example 2

Input check No. compulsory		
Item	Flat 1	$10.00
	Quantity	1
Payment	Check	$10.00

OPERATION

1 0 00 PLU 001

ERROR occur

Input check No. compulsory

OPEN 2

Compulsory is temporarily released.

1 0 00 PLU 001

1 0 00 CHK/TEND

PRINTOUT (by optional remote printer)

```
                    MC #01
REG  C01   31-10-2004 05:20 PM 001161

 1 PLU001                   ·10.00
   TL                      - 10.00
   CHECK                    ·10.00
   CG                       ·0.00
```

VAT breakdown printing

You can force printing of the VAT breakdown at the finalize stage, regardless of whether the terminal is programmed to print or skip printing of the VAT breakdown.
Every time you want to have VAT breakdown, press <VAT>.

Example

Item 1	Flat 1	$1.00
	Taxable	1
Item 2	Flat 2	$2.00
	Taxable	2
Payment	Cash	$3.00

OPERATION

1 00 PLU 001
2 0 0 PLU 002
VAT
CA/AMT TEND

PRINTOUT (by optional remote printer)

```
                    MC #01
REG  C01   31-10-2004 05:20 PM 001161

  1  PLU001                ·1.00  T1
  1  PLU002                ·2.00  T2
     TA1                   ·0.90
     TX1                   ·0.10
     TA2                   ·1.90
     TX2                   ·0.10
     TL                   ·3.00
     CASH                  ·3.00
```

Registering loan amounts

Use this procedure to register loan or bank received from the office.

Item	Note	$1.00
	Quantity	10
	Note	$5.00
	Quantity	5
Media	Cash	$35.00

OPERATION

1 0 X
1 00 LOAN
5 X
5 00 LOAN
CA/AMT TEND

PRINTOUT (by optional remote printer)

```
                    MC #01
REG  C01   31-10-2004 05:30 PM 001180

     LOAN                  ·10.00
     LOAN                  ·25.00
     CASH                ·35.00
```

Registering pick up amounts

Use this procedure to register pick up money from cash drawer.

Item	Coin	$0.50
	Quantity	10
	Coin	$0.10
	Quantity	5
Media	Cash	$5.50

OPERATION

1 0 X
5 0 PICK UP
5 X
1 0 PICK UP
CA/AMT TEND

PRINTOUT (by optional remote printer)

```
                    MC #01
REG  C01   31-10-2004 05:35 PM 001181

     P.UP                   ·5.00
     P.UP                   ·0.50
     CASH                 ·5.50
```

Changing media in drawer

Use this procedure to change media in drawer.

Media	Check	-10.00
	Cash	$8.00
	Charge	$2.00

OPERATION

MEDIA CHANGE
1 0 00 CHK/TEND
Enter the amount to be changed.
8 00 CA/AMT TEND
2 00 CH

PRINTOUT (by optional remote printer)

```
                    MC #01
REG  C01   31-10-2004 05:40 PM 001182

     MEDIA CHG          ..........
     CHECK                 -10.00
     CASH                   ·8.00
     CHARGE                 ·2.00
```

Scanning PLU

Product barcodes are read by scanning with hand-held scanner, and are filed in the scanning PLU link file. The unit price, item descriptor, programming status, link department, totalizer and counter, the terminal are filed in the PLU link file.
When a barcode is entered by scanning, or from the keyboard by using <OBR> (OBR key), the terminal searches its scanning PLU link file and finds the preset unit price to accumulate to the PLU file.
Scanning PLUs include UPC-A/EAN-13/EAN-8, source marking, in-store marking code.

Item registration

By scanner/code input

Item 1 (scan)	Scan-PLU	($2.35)
	PLU code	49012347
Item 2 (code)	Scan-PLU	($2.00)
	PLU code	123456
Payment	Cash	$5.00

OPERATION

"Scanning"

1 2 3 4 5 6 OBR
Scanning-PLU code and OBR key

5 00 CA/AMT TEND

PRINTOUT (by optional remote printer)

```
                          MC #01
REG  C01     31-10-2004 05:45 PM 001182

  1  PLU100                    ·2.35
  1  PLU101                    ·2.00
     TL                      ·4.35
     CASH                      ·5.00
     CG                        ·0.65
```

Unit price inquiry

Use this operation to recall the unit prices of departments, subdepartments, PLUs, second unit price of PLUs, or scanning PLUs.
The unit prices appear on the display of the terminal when recalled.

Example

To check the unit price of flat-PLU 001.

OPERATION

PRICE INQ
PLU 001

DISPLAY

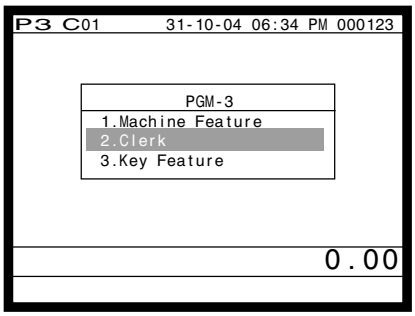
```
REG C01          31-10-04 05:30 PM 001162
   1 PLU004                      ·10.00
   1 PLU002                      ·20.00

PLU001                          ·10.00
```

Programming to clerk

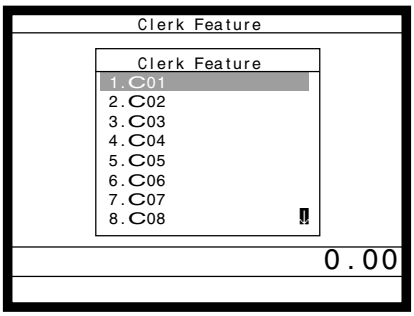
You can program up to 4-digit clerk number (secret number), trainee status of clerk (i.e. training cashier) and clerk name (up to 16 characters) etc. for each clerk.

Programming procedure

Step 1. Press [MODE] and <PGM3> icon to turn “PGM-3”, select “2.Clerk” [YES], select “1.Clerk Feature” [YES].
Step 2. Select the appropriate clerk and press [YES].

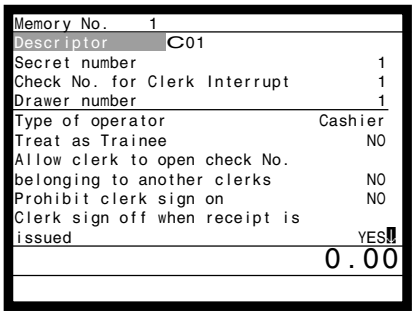


Step 1. screen

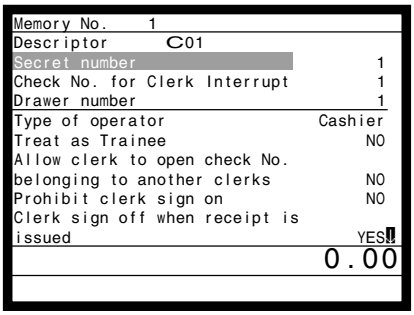


Step 2. screen

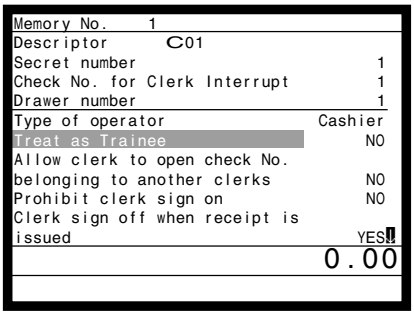
Step 3. Clerk descriptor programming:
Select “Descriptor” line, press [YES], enter clerk name within 16 characters and [ENTER].
Secret number programming:
Select “Secret number” line, and press [YES], enter clerk secret number within 4 digits and [YES].
Training status programming:
Select “Treat as Trainee” line, and select [YES] or [NO].



Step 3-1. screen



Step 3-2. screen



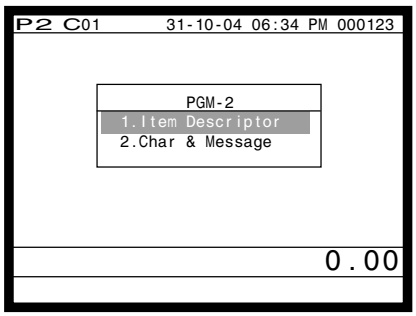
Step 3-3. screen

Step 4. Repeat the step 3., if you program the next record.
Press [ESC/SKIP] and repeat the step 2 and 3., if you program to the other record.
Step 5. Press [ESC/SKIP] repeatedly to return to the “Step 1. screen”.

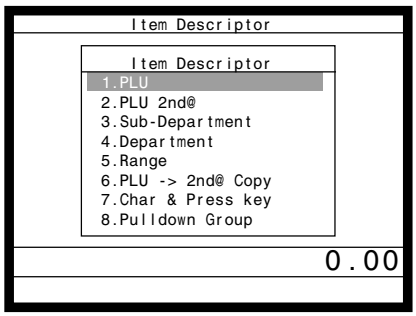
Programming descriptors and messages

Programming item descriptor (flat-PLU) procedure

Step 1. Press [MODE] and <PGM2> icon to turn “PGM-2”, select “1.Item Descriptor” and press [YES].
Step 2. Select “1.PLU” and press [YES].

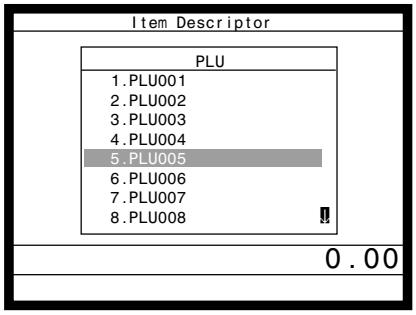


Step 1. screen

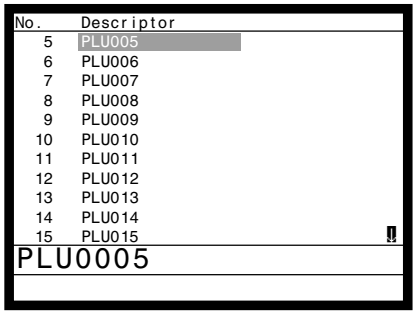


Step 2. screen

Step 3. Select the PLU record you want to program by pressing the flat-PLU key directly, by entering PLU record No. and [YES], or by entering random PLU code and [PLU].
Step 4. Enter characters and [ENTER].



Step 3. screen

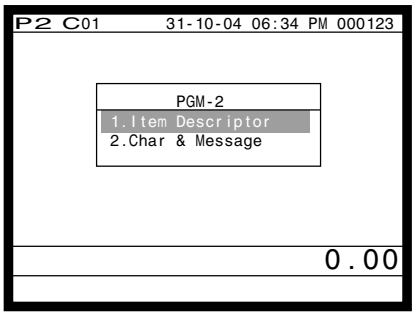


Step 4. screen

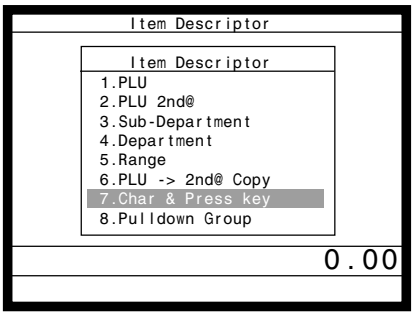
Step 5. Repeat the step 4., if you program the next record.
Press [ESC/SKIP] and repeat the step 3. and 4., if you program to the other record.
Step 6. Press [ESC/SKIP] repeatedly to return to the “Step 1. screen”.

Programming function key character procedure

Step 1. Press [MODE] and <PGM2> icon to turn “PGM-2”, select “1.Item Descriptor” and press [YES].
Step 2. Select “7.Char & Press key” and press [YES].

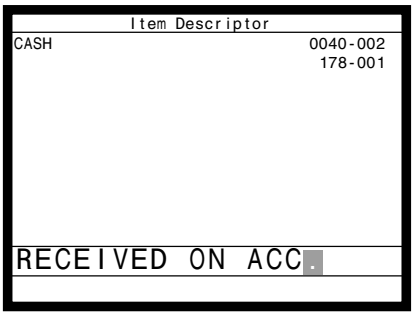


Step 1. screen



Step 2. screen

Step 3. Enter key characters, press [ENTER], and press the corresponding key.



Step 3. screen

Step 4. Repeat the step 3., if you have other keys to program.
Step 5. Press [ESC/SKIP] repeatedly to return to the “Step 1. screen”.

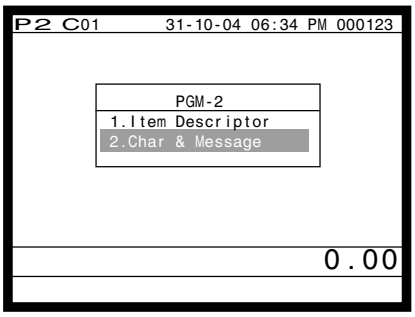
The initial characters of function keys

Function	Code	Initial character
Cash amount tendered	001	CASH
Charge	002	CHARGE
Check tender	003	CHECK
Credit	004	CREDIT
New balance	006	NB
Table transfer	014	TBL TRANS
Received on account	020	RC
Paid out	021	PD
Minus	027	-
Discount	028	%-
Refund	033	RF
Error correct/Void	034	VOID
Receipt	038	RCT

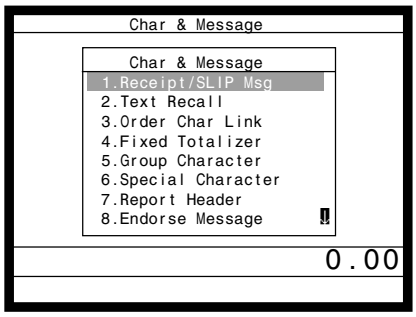
Function	Code	Initial character
Non-add/No sale	041	#/NS
Customer number	043	CT
PLU	048	PLU#
Price	049	PRC
Menu shift	064	MENU
Open	067	OPEN
Subtotal	075	SUBTOTAL
Multiplication	082	X
New/Old check	093	NEW/OLD
Media change	118	MEDIA CHG
List number	137	LIST#
Cancel	236	CANCEL

Programming receipt/slip message procedure

Step 1. Press [MODE] and <PGM2> icon to turn “PGM-2”, select “2.Char & Message” and press [YES].
Step 2. Select “1.Receipt/SLIP Msg” and press [YES].

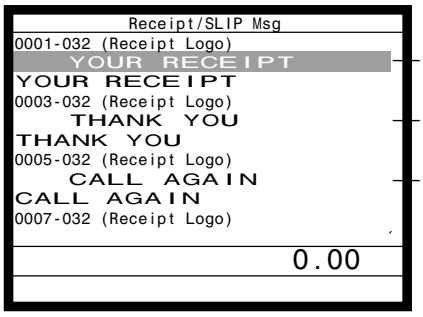


Step 1. screen



Step 2. screen

Step 3. Select the appropriate record, press [YES] and enter characters and press [ENTER].



Select these upper (odd number) record

Select these upper (odd number) record

Select these upper (odd number) record

Step 3. screen

Rec No.	Message
1 ~ 8	Receipt logo message
9 ~ 16	Receipt commercial message
17 ~ 24	Receipt bottom message
25 ~ 32	Bill top message
33 ~ 40	Bill copy message
41 ~ 48	Bill bottom message
49 ~ 56	Slip logo message
57 ~ 64	Slip intermediate message
65 ~ 72	Slip bottom message
73 ~ 74	Post receipt (not used)
75 ~ 94	Guest bottom message
95 ~ 96	E-journal copy receipt message

Even records are not used.

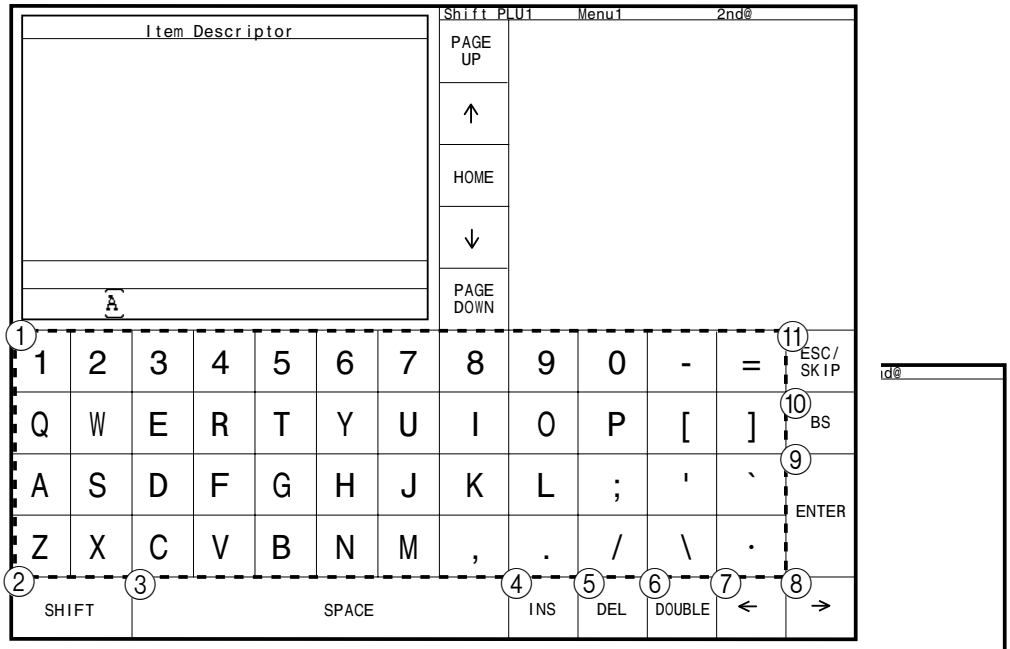
Step 4. Repeat the step 3., if you have other records to program.
Step 5. Press [ESC/SKIP] repeatedly to return to the “Step 1. screen”.

Entering characters

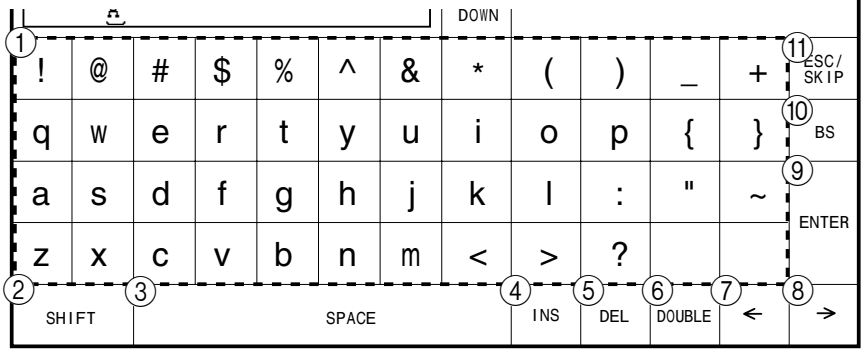
In this section, the method to enter descriptors or messages (characters) to the terminal during programming is described. Characters are specified by character keyboard.

Entering characters

SHIFT1-case



SHIFT2-case



① **Alphabet keys**
Press these keys to input characters.

② **Shift key**
Press this key to shift the following characters from SHIFT1-case, SHIFT2-case, SHIFT3-case, SHIFT-4-case and returns to the SHIFT1-case letter in sequence.

③ **Space key**
Press this key to set a space.

④ **Insert key**
Press this key to put one space between the original characters.

⑤ **Delete key**
Press this key to clear the designated character.

⑥ **Double size letter key**
Press this key to specify that the next character you input to a double size character.

⑦ **Left cursor key**
Press this key to shift the character setting position to the left one by one. This key is used to correct already entered characters.

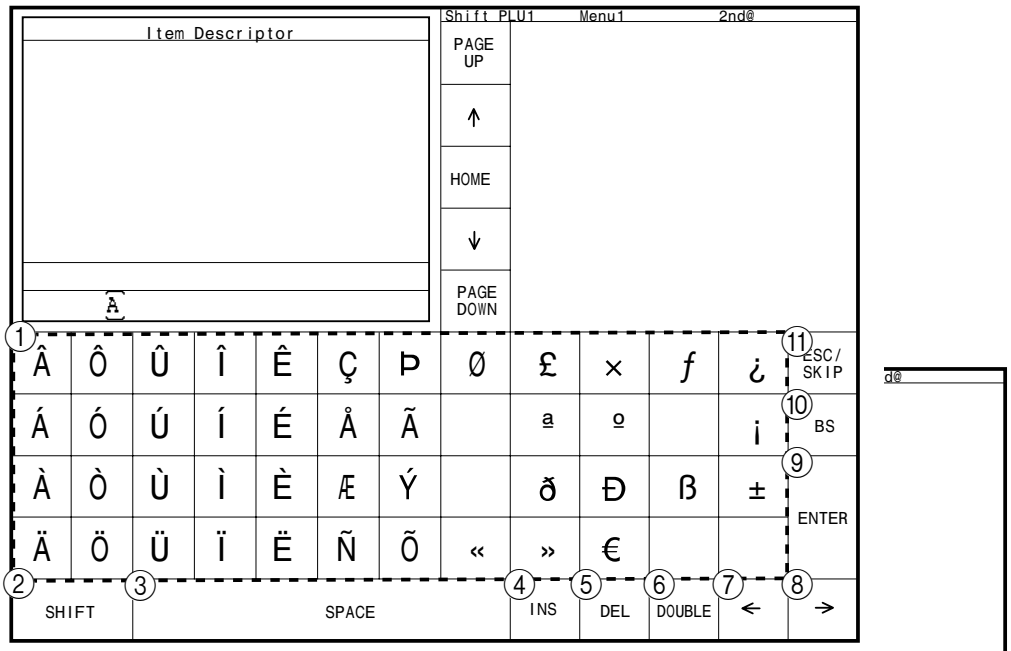
⑧ **Right cursor key**
Press this key to shift the character setting position to the right one by one. This key is used to correct already entered characters.

Example:

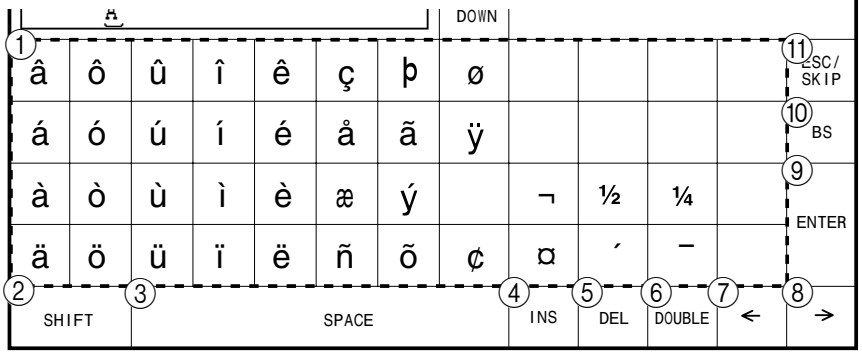
Input “ A p p l e J u i c e ”,

enter DBL A SHIFT DBL p p l e SPACE SHIFT SHIFT SHIFT J SHIFT u i c e ENTER

SHIFT3-case



SHIFT4-case



⑨ **Enter key**
Press this key when the alphabetic entry for a descriptor, name or message has been completed. This key is also used for editing the programmed characters.

⑩ **Backspace key**
Press this key to move the character placed behind.

⑪ **ESC/SKIP key**
Press this key to terminate the character programming.

Editing characters

Correcting a character just entered

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

Correcting and adding/deleting an item descriptor already set

	OPERATION	DISPLAY
Designate the item.		APLE
→ →	⇦Press right arrow key two times.	APLE
INS	⇦Press <INS> (insert) key.	AP LE
“p”	⇦Enter “p”.	APPLE

	OPERATION	DISPLAY
Designate the item.		MOULSE
→ → →	⇦Press right arrow key three times.	MOULSE
DEL	⇦Press <DEL> (delete) key.	MOUSE

	OPERATION	DISPLAY
Designate the item.		MOULE
→ → →	⇦Press right arrow key three times.	MOULE
BS	⇦Press <BS> (backspace) key.	MOLE

Printing read/reset reports

• Read (X) report

You can display or print read reports at any time during the business day without affecting the data stored in the terminal.

• Reset (Z) report

After issuing a reset report, the totals stored in the terminal are reset. So, you should not print reset reports during the business day.

Important!

- The reset operation issues a report and also clears all sales data from the terminal's memory.
- Be sure to perform the reset operations at the end of each business day. Otherwise, you will not be able to distinguish between the sales data for different dates.

The tree of X/Z menu window

You can issue these kinds of report by tracing this tree.

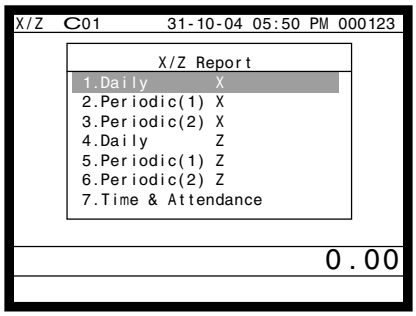
- X/Z Report
  - Daily X
    - Batch
      - Batch 1 ~ 10
    - Cashier/Clerk
      - Individual
      - All clerk
    - Open Check
    - E-journal
    - Customer account
      - Customer
      - Customer group
    - Others
      - Individual key ..... (Daily X/Z only)
      - Flash ..... (Daily X only)
      - Fixed totalizer
      - Free Function
      - PLU
      - PLU Stock
      - Sub Department
      - Department
      - Group
      - Hourly sales
      - Monthly sales
      - Table analysis
      - Void
      - Hourly product
      - Discount/coupon
  - Periodic 1/2 X
    - Batch ..... Same as Daily X
    - Cashier/Clerk ..... Same as Daily X
    - Customer account — Customer group ..... Same as Daily X
    - Others ..... Same as Daily X
  - Daily Z
    - Batch
      - Batch 1 ~ 10
    - Cashier/Clerk
      - Individual
      - All clerk
    - Open Check
    - E-journal
    - Customer account
      - Customer
      - Customer group
    - Others
      - Individual key ..... (Daily X/Z only)
      - Fixed totalizer
      - :
  - Periodic 1/2 Z ..... Same as Periodic 1/2 X
  - Time and Attendance

To print the individual key (department, subdepartment, PLU/flat-PLU, function) read report

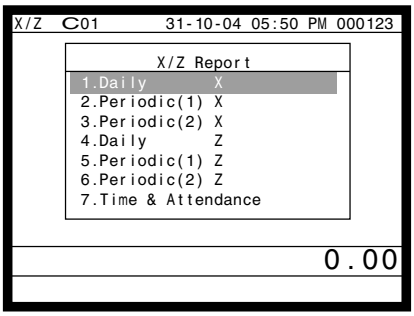
This report shows sales for specific keys.

Procedure

Step 1. Press [MODE] and <X/Z> icon to turn “X/Z Report”.
Step 2. Select “1.Daily X” and press [YES].

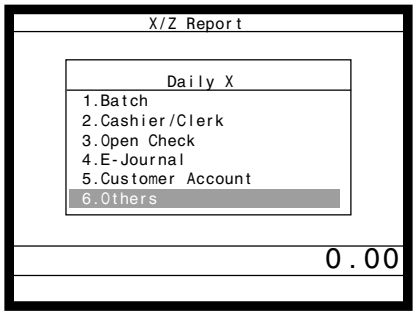


Step 1. screen

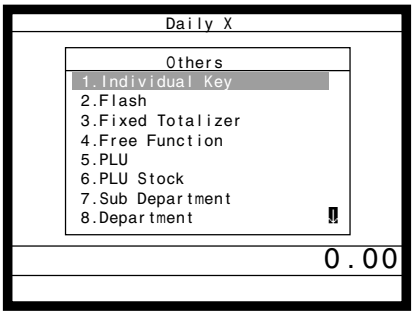


Step 2. screen

Step 3. Select “6.Others” and press [YES].
Step 4. Select “1.Individual Key” and press [YES].



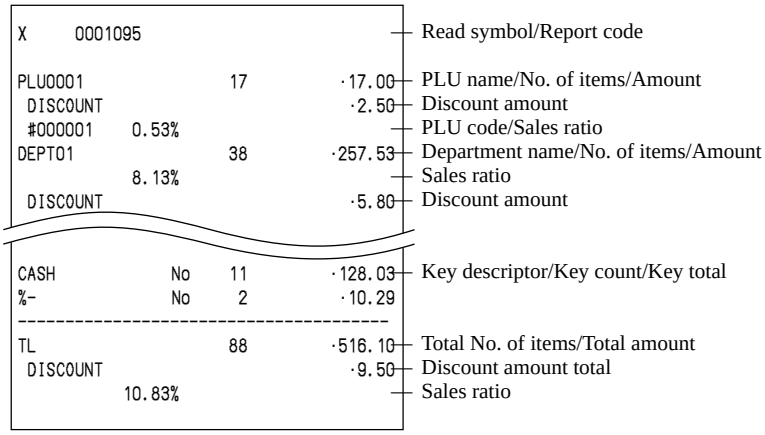
Step 3. screen



Step 4. screen

Step 5. Select keys you want to read. (The display shows totalizer/counter of the key.)
Step 6. After you finish to select keys, press [ESC/SKIP] to terminate this procedure – a report is issued.

Report (by optional remote printer)

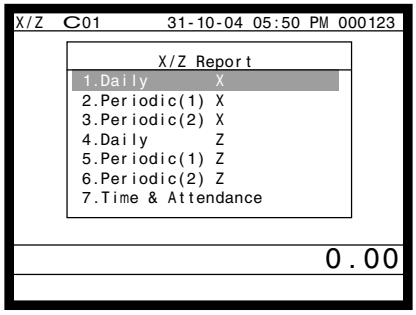


To print the financial read report

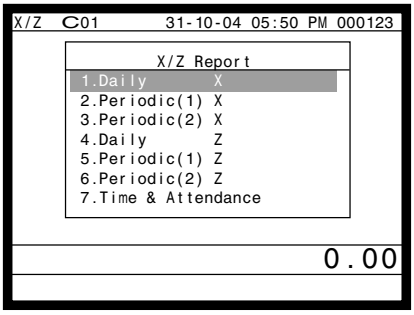
This report shows net sales, cash, charge, check and credit in drawer.

Procedure

Step 1. Press [MODE] and <X/Z> icon to turn “X/Z Report”.
Step 2. Select “1.Daily X” and press [YES].

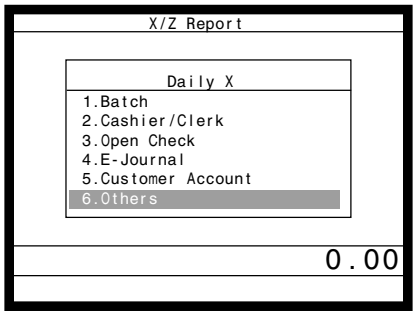


Step 1. screen

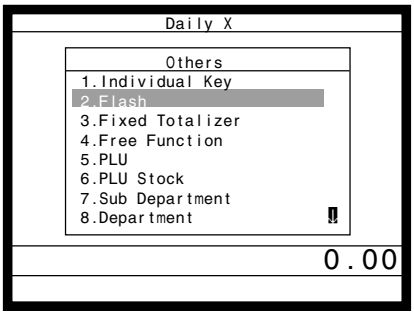


Step 2. screen

Step 3. Select “6.Others” and press [YES].
Step 4. Select “2.Flash” and press [YES]. The declared drawer amount by <#> or <#/NS> should be entered before this step.



Step 3. screen



Step 4. screen

Step 5. Press [ESC/SKIP] repeatedly to return to the “Step 1. screen”.

Report (by optional remote printer)

```
X     0000071  FLASH                    ← Read symbol/Report code/Report title

#                           ·6,919.04   ← Declared cash in drawer*1
                                ·0.00   ← Difference (= declared - accumulated) *1

NET              No    120    ·7,263.20  ← No. of net sales/Net amount
CAID                        ·6,919.04   ← Cash in drawer
CHID                            ·178.60 ← Charge in drawer
CKID                            ·172.85 ← Check in drawer
CRID                                ·6.00 ← Credit in drawer
```

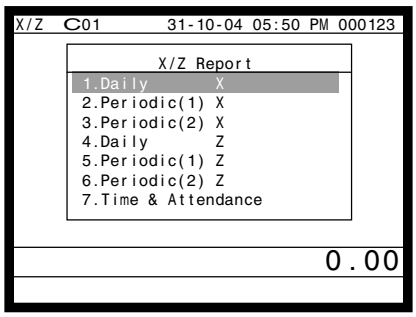
*1 Money declaration:
Count how much cash is in the drawer and input this amount (up to 10 digits).
The terminal will automatically compare the input with the cash in drawer in the memory and print the difference between these two amounts.
Note that if money declaration is required by programming, you cannot skip this procedure.

To print the individual clerk read/reset report

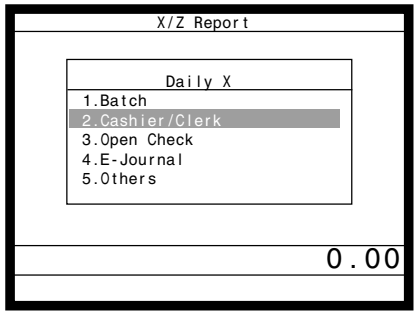
This report shows individual clerk totals.

Procedure

Step 1. Press [MODE] and <X/Z> icon to turn "X/Z Report", select "1.Daily X" or "4.Daily Z" and press [YES].
Step 2. Select "2.Cashier/Clerk" and press [YES].

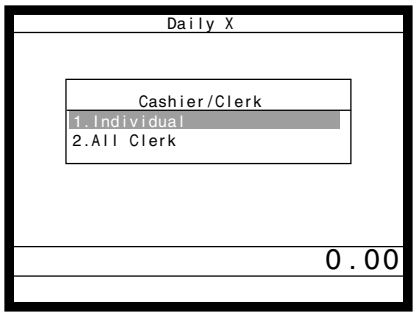


Step 1. screen

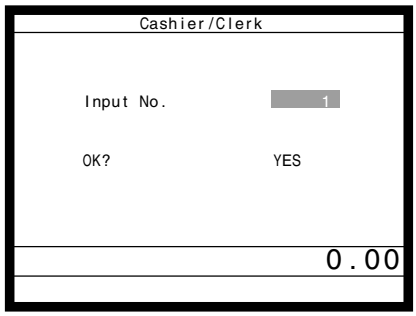


Step 2. screen

Step 3. Select "1.Individual" and press [YES].
Step 4. Enter clerk No., press [YES] twice. The declared drawer amount by <#> or <#/NS> should be entered before this step.



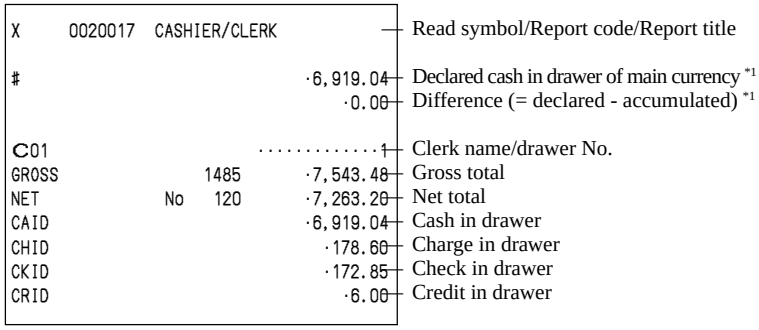
Step 3. screen



Step 4. screen

Step 5. Repeat the step 4., if you have other clerks to read.
Step 6. After you finish to select keys, press [ESC/SKIP] to terminate this procedure.

Report (by optional remote printer)



*1 Money declaration:
Count how much cash is in the drawer and input this amount (up to 10 digits).
The terminal will automatically compare the input with the cash in drawer in the memory and print the difference between these two amounts.
Note that if money declaration is required by programming, you cannot skip this procedure.

To print the daily sales read/reset report

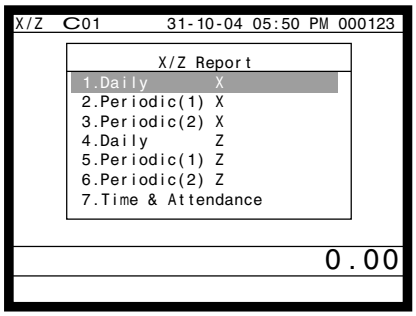
Please refer to “Printing the daily sales reset report” section on page 42 of this manual.

To print the periodic 1/2 sales read/reset reports

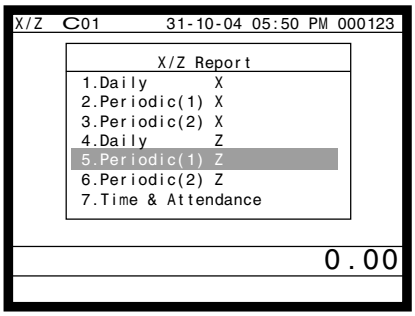
These reports show breakdowns of sales by any two kinds of period you want.

Procedure

Step 1. Press [MODE] and <X/Z> icon to turn “X/Z Report”.
Step 2. Select “2.Periodic(1) X”, “3.Periodic(2) X”, “5.Periodic(1) Z” or “6.Periodic(2) Z” and press [YES].

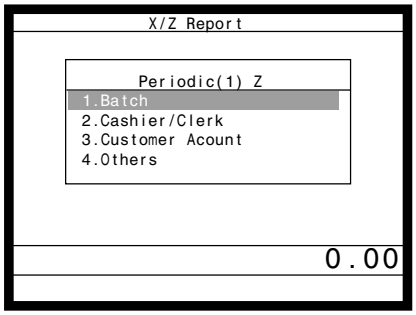


Step 1. screen

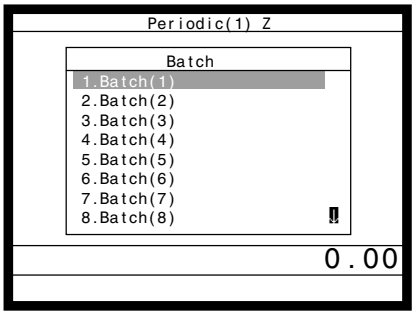


Step 2. screen

Step 3. Select “1.Batch” and press [YES].
Step 4. Select “1.Batch(1)” and press [YES].



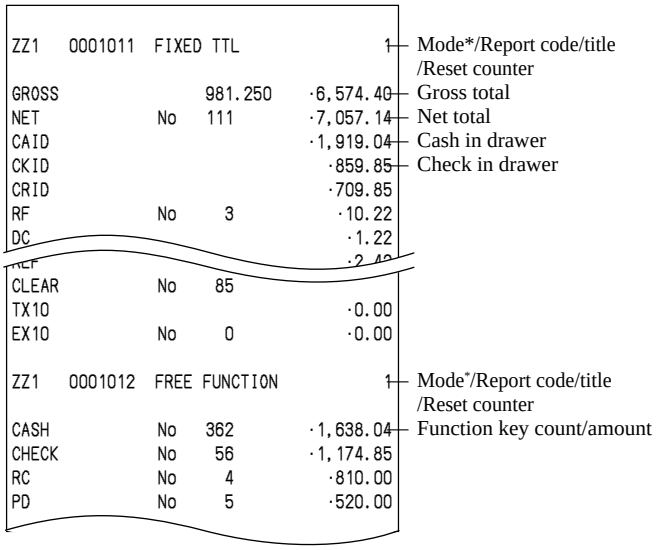
Step 3. screen

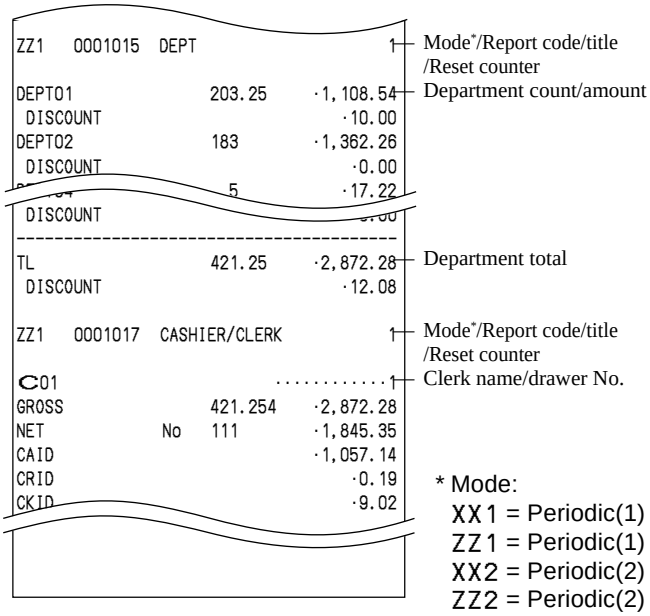


Step 4. screen

Step 5. Press [ESC/SKIP] repeatedly to return to the “Step 1. screen”.

Report (by optional remote printer)





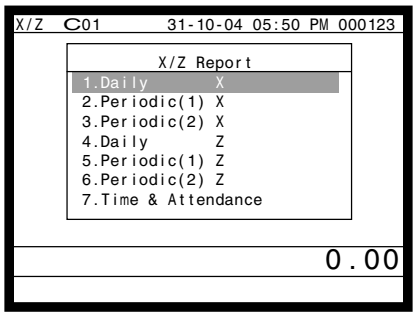
* Mode:
XX1 = Periodic(1) X
ZZ1 = Periodic(1) Z
XX2 = Periodic(2) X
ZZ2 = Periodic(2) Z

To print the PLU read/reset report

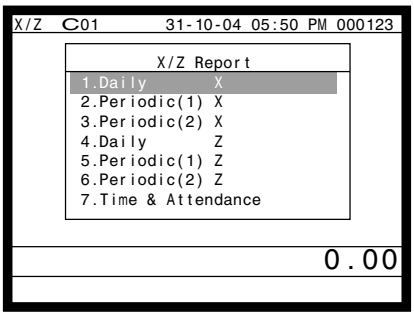
This report shows sales for PLUs.

Procedure

Step 1. Press [MODE] and <X/Z> icon to turn “X/Z Report”.
Step 2. Select “1.Daily X”, “2.Periodic(1) X”, “3.Periodic(2) X”, “4.Daily Z”, “5.Periodic(1) Z”, “6.Periodic(2) Z” and press [YES].

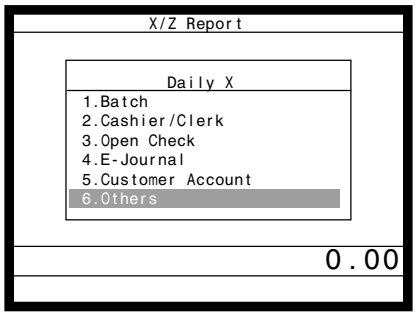


Step 1. screen

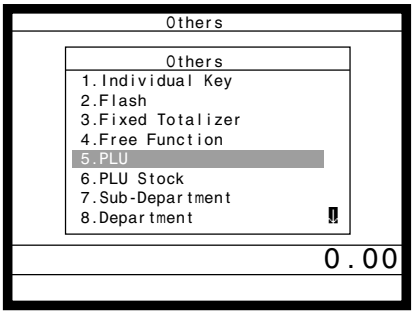


Step 2. screen

Step 3. Select “6.Others” and press [YES].
Step 4. Select “5.PLU” and press [YES], then select “1.All” and press [YES].



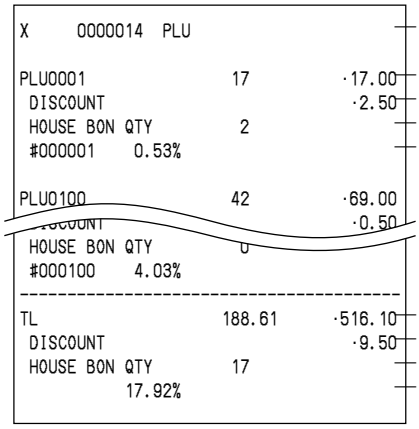
Step 3. screen



Step 4. screen

Step 5. Press [ESC/SKIP] repeatedly to return to the “Step 1. screen”.

Report (by optional remote printer)



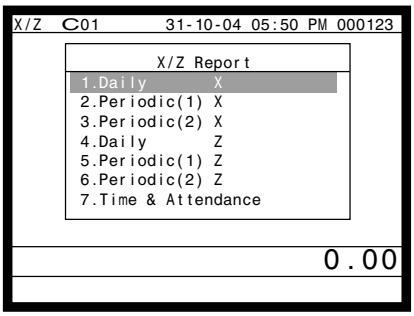
Read symbol/Report code/Report title
PLU name/No. of items/PLU amount
Discount amount
House Bon quantity
PLU code/sales ratio/
Total No. of items/Total amount
Discount amount total
House Bon quantity total
Sales ratio

To print the hourly sales read/reset report

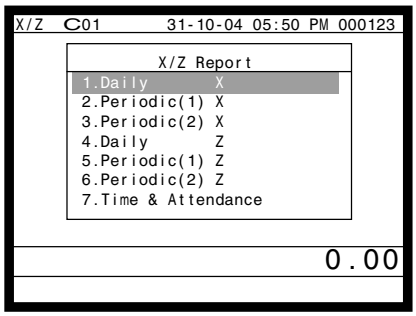
This report shows hourly breakdowns of sales.

Procedure

Step 1. Press [MODE] and <X/Z> icon to turn “X/Z Report”.
Step 2. Select “1.Daily X”, “2.Periodic(1) X”, “3.Periodic(2) X”, “4.Daily Z”, “5.Periodic(1) Z”, “6.Periodic(2) Z” and press [YES].

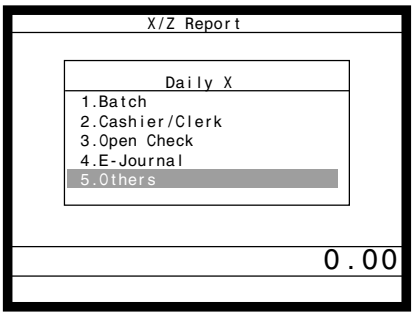


Step 1. screen

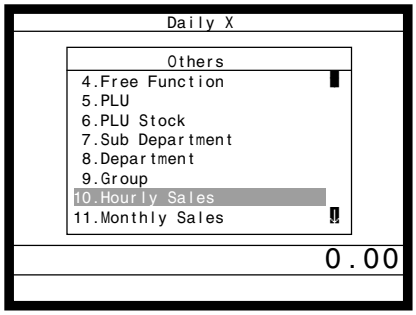


Step 2. screen

Step 3. Select “5.Others” and press [YES].
Step 4. Select “10.Hourly Sales” and press [YES].



Step 3. screen



Step 4. screen

Step 5. Press [ESC/SKIP] repeatedly to return to the “Step 1. screen”.

Report (by optional remote printer)

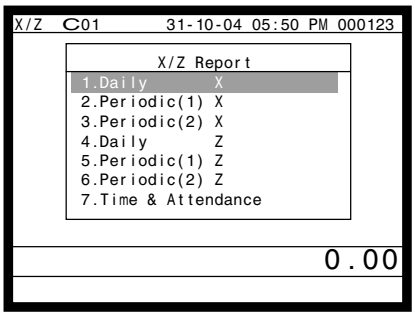
```
X     0000019  HOURLY                    — Read symbol/Report code/Report title

00:00->01:00          1          ·1.20  — Time range/no. of net sales/Net sales amount
    1.90%        CT   1          ·1.20  — Sales ratio/No. of customers/Sum. of merchandise subtotal
01:00->02:00         12         ·12.00
   19.00%
23:00->00:00          1          ·3.59
    3.90%        CT   1          ·3.59
```

To print the monthly sales read/reset report

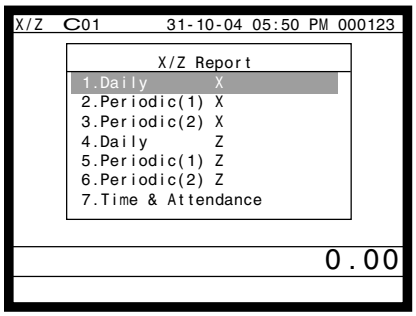
This report shows monthly breakdowns of sales.

Procedure

Step 1. Press [MODE] and <X/Z> icon to turn “X/Z Report”.
Step 2. Select “1.Daily X”, “2.Periodic(1) X”, “3.Periodic(2) X”, “4.Daily Z”, “5.Periodic(1) Z”, “6.Periodic(2) Z” and press [YES].

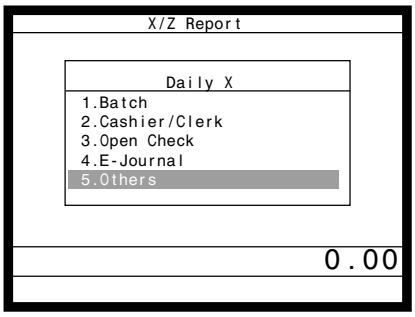


Step 1. screen

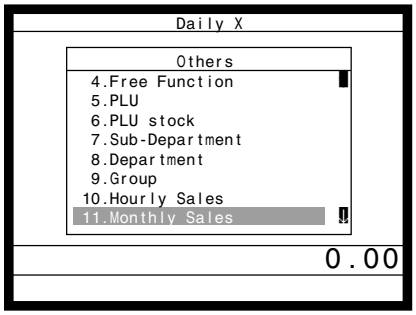


Step 2. screen

Step 3. Select “5.Others” and press [YES].
Step 4. Select “11.Monthly Sales” and press [YES].



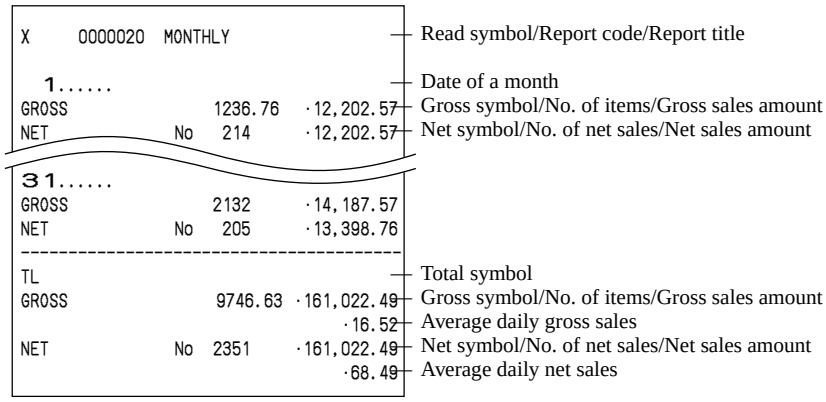
Step 3. screen



Step 4. screen

Step 5. Press [ESC/SKIP] repeatedly to return to the “Step 1. screen”.

Report (by optional remote printer)



Reading the terminal's program

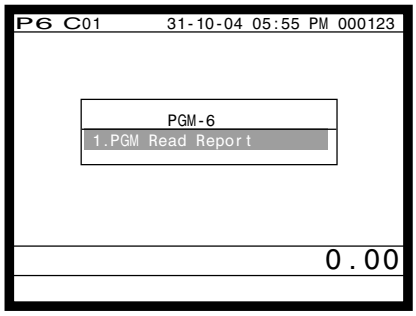
The tree of P6 (program read) menu window

You can issue these kinds of report by tracing this tree.

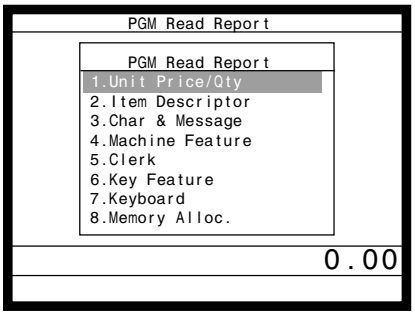
- Program 6 — Program read report
  - Unit price & quantity
    - PLU unit price
    - PLU 2nd @
    - Subdepartment unit price
    - Department unit price
    - Function key rate/price
  - Item descriptor
    - PLU
    - PLU 2nd @
    - Subdepartment
    - Department
    - Function key
  - Character & message
    - Receipt/Slip message
    - Text recall
    - Order character link
    - Fixed totalizer character
    - Group character
    - Special character
    - Report header
    - Endorse message
    - GT character
    - Customer title
    - Menu title
  - Machine feature
    - Pulldown group
    - Set menu table
    - Arrangement
    - Batch X/Z
    - General feature
    - Scheduler
    - Check print
    - Table analysis
    - Tax table
    - Void table
    - :
    - Customer group
    - CF X/Z convert
    - Color theme
    - Color definition
  - Clerk
    - Clerk feature
    - Clerk detail
    - Clerk key ID
    - Clerk window
  - Key feature
    - PLU feature
    - PLU 2nd @ feature
    - Subdepartment feature
    - Department feature
    - Function key feature
    - Scanning PLU link
  - Keyboard
  - Memory allocation

Procedure

Step 1. Press [MODE] and <PGM-6> icon to turn Program 6 mode and press [YES].
Step 2. Select an appropriate job and press [YES].

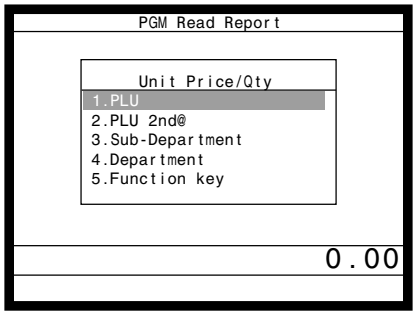


Step 1. screen

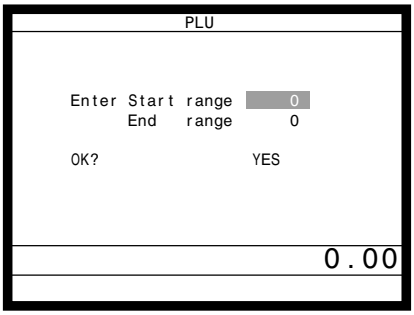


Step 2. screen

Step 3. Select an appropriate job and press [YES]. If the job requires range destination, Step 4 screen will appear.
Step 4. Enter the start/end range and press [YES].



Step 3. screen



Step 4. screen

Step 5. Press [ESC/SKIP] repeatedly to return to the “Step 1. screen”.

Report example (It is necessary to connect optional remote printer to print out these reports.)

Unit price and quantity

PLU unit price

```
PLU001                  0001-004   — PLU descriptor/Record No./File No.
                          @12.34   — Unit Price
                        0001-055   — Record No./File No.(Shift PLU)
                           @2.00   — Shift 2 PLU unit price
                               :
                           @8.00
PLU002                  0002-004
                           @1.00
```

PLU 2nd @

```
PLU001                  0001-054   — PLU 2nd descriptor/Record No./File No.
                2          @23.45   — Unit quantity/2nd unit Price
PLU002                  0002-054
                1          @10.00
PLU003                  0003-054
                0           @2.00
```

Subdepartment unit price

```
SUBDEPT01          0001-003
                      @1.00
SUBDEPT02          0002-003
                      @2.00
SUBDEPT03          0003-003
                      @3.34
```

— Subdepartment descriptor/Record No./File No.
— Unit Price

Department unit price

```
DEPT01             0001-005
                     @12.34
DEPT02             0002-005
                      @2.34
DEPT03             0003-005
                      @1.34
```

— Department descriptor/Record No./File No.
— Unit Price

Function key rate/price

```
%-                 0013-002
                        0%
-                  0018-002
                      @0.00
CASH               0035-002
                      @0.00
```

— Function key descriptor/Record No./File No.
— Unit Price, percent rate or conversion rate

Item descriptor

PLU

```
PLU001             0001-004
PLU002             0002-004
```

— PLU descriptor/Record No./File No.

PLU 2nd unit price

```
PLU001             0001-054
PLU002             0002-054
```

— PLU 2nd descriptor/Record No./File No.

Subdepartment

```
SUBDEPT01          0001-003
SUBDEPT02          0002-003
SUBDEPT03          0003-003
```

— Subdepartment descriptor/Record No./File No.

Department descriptor

```
DEPT01             0001-005
DEPT02             0002-005
DEPT03             0003-005
```

— Department descriptor/Record No./File No.

Function key descriptor

```
RCT                0001-002
NEW/OLD            0002-002
RC                 0003-002
DISP ON/OFF        0004-002
CLK#1              0005-002
```

— Function key descriptor/Record No./File No.

Character and Message

Receipt/Slip message

```
0001-032                    — Record No./File No.
    YOUR RECEIPT            — Receipt message
0002-032
    THANK YOU
0003-032
```

Clerk

Clerk feature

```
C01                   001-007   — Clerk name/Record No./File No.
                         0001   — Clerk secret code
                           00   — Drawer No.
                       000111   ┐
        01-067     0000040000   │
        02-067   000000000000   │
        03-067     0000000000   │
        04-067   000000000000   │
        05-067   000000000000   │
        06-067   000000000000   │
        07-067   000000000000   │ — Other program data
        08-067   000000000000   │
        09-067   000000000000   │
        10-067   000000000000   │
        11-067   000000000000   │
           068       00000000   │
           069   000000000000   ┘
C02                   002-007
                         0002
```

Key feature

PLU feature

```
PLU001                0001-004   — PLU descriptor/Record No./File No.
                 000000000000   — Elementary program
        11-066         000000   ┐
        12-066         000000   │
        13-066           0000   │
        14-066              0   │
                            0   │
        15-066          @0.00   │ — Other program data
        16-066             00   │
        17-066             00   │
        20-066           0000   │
        21-066   000000000000   │
        22-066         000000   ┘
PLU002
```

PLU 2nd unit price feature

```
PLU001                0001-054   — PLU 2nd @ descriptor/Record No./File No.
                 000000000000   — Elementary program
        11-066         000000   — Other program data
        12-066         000000   — Other program data
        14-066              0   — Other program data
PLU002                0002-054
                 000000000000
        11-066         000000
        12-066         000000
        14-066              0
PLU003                0003-054
```

Subdepartment feature

```
SUBDEPT01                    0001-003   — Subdepartment descriptor/Record No./File No.
                        000000000000   — Elementary program
            11-066            000000   ┐
            15-066             @0.00   │
            16-066                00   │ — Other program
            17-066                00   │
            20-066              0000   │
            21-066          00000000   │
            22-066                00   ┘
SUBDEPT02                    0002-003
```

Department feature

```
DEPT01                       0001-005   — Department descriptor/Record No./File No.
                        000000000000   — Elementary program
            11-066            000000   ┐
            15-066             @0.00   │
            16-066                00   │ — Other program
            17-066                00   │
            20-066              0000   │
            21-066          00000000   │
            22-066                00   ┘
DEPT02                       0002-005
```

Function key feature

```
0001 CASH               000000000000   — Record No./Key descriptor/Parameter
0002 CHARGE             000000000000
0003 CREDIT             000000000000
0004 %+                 000000000000
0005 CLEAR              000000000000
0006 PGM MODE           000000000000
```

This section describes what to do when you have problems with operation.

When an error occurs

Errors are indicated by an error codes. When this happens, you can usually find out what the problem is as illustrated below.

Press C and check the appropriate section of this manual for the operation you want to perform.

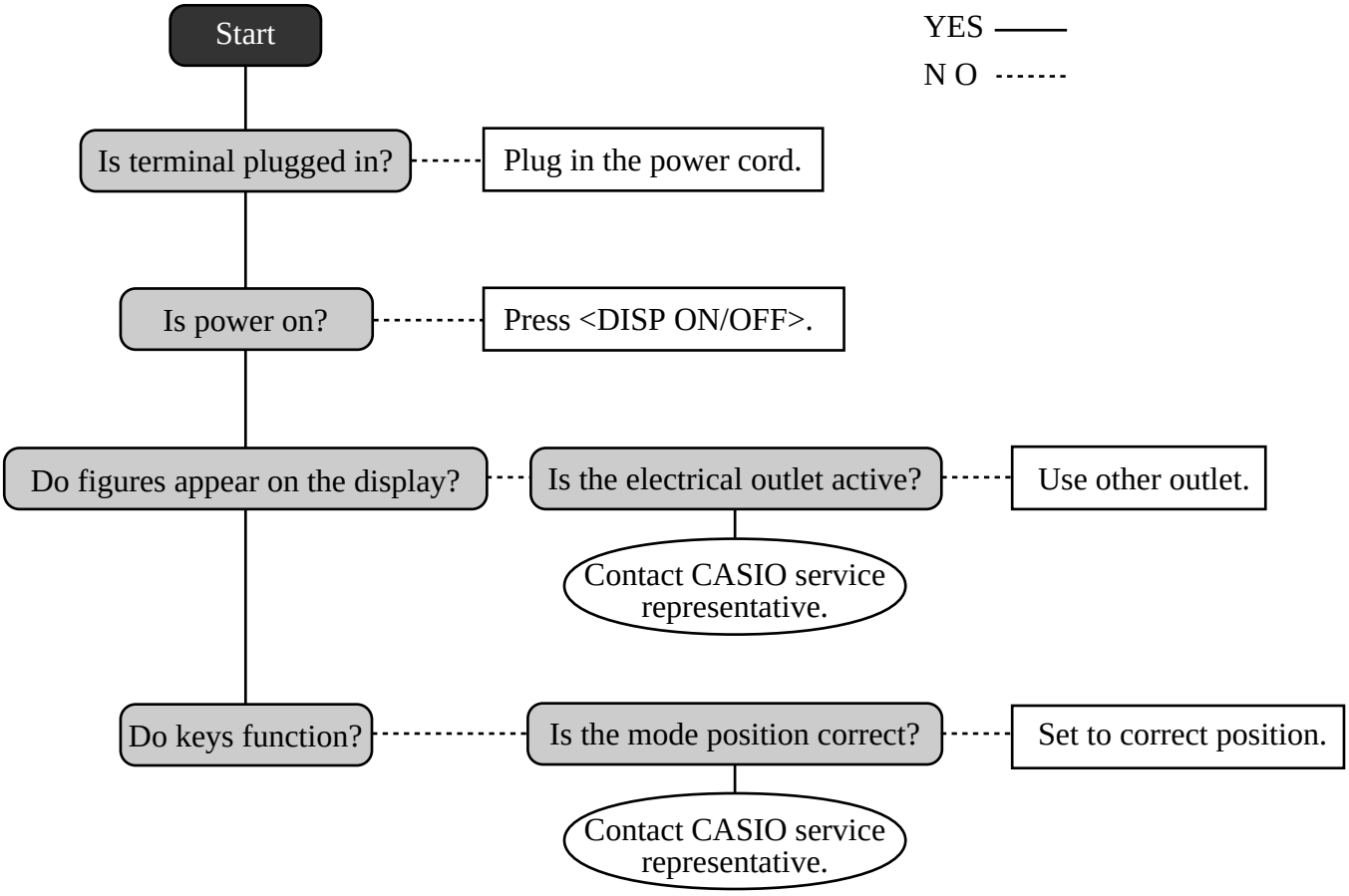
Prompt message	Meaning	Action
Operator mistake.	Operation error	Perform proper operation.
E001 Wrong mode.	Check tracking (Open mode error)	Return the mode to its original setting.
E003 Wrong operator.	Error clerk/Error clerk in check tracking	Input correct check number or assign the proper clerk.
E005 Insufficient memory.	Memory allocation over	Reallocate memory.
E011 Close the drawer.	Drawer compulsory	Close cash drawer.
E012 Journal paper end.	Journal paper end	Replace journal paper.
E014 Receipt paper end.	Receipt paper end	Replace receipt paper.
E015 Check R/J printer.	Internal R/J printer error	Check the internal R/J printer.
E016 Change back to REG mode.	Prohibit plural operation in REF/REG– mode	Switch to another mode and then back to the REF/REG– mode again.
E017 Enter Check/TBL number.	Check number compulsory	Input a check number.
E018 Enter Table number.	Table number compulsory	Input a table number.
E019 Enter Number of covers.	Cover compulsory	Enter the number of customers.
E020 Enter Seat number.	Seat number compulsory	Input a seat number.
E023 Stock running short.	Alarm when any item drops below its programmed minimum stock quantity during registration.	Perform stock maintenance.
E024 No stock is available.	Error when actual stock value for a registration items is a negative value.	Perform stock maintenance.
E028 Not found PLU or C/D is mismatch.	Scanning PLU is not found or OBR code is mismatched.	Re-enter the PLU code.
E029 No registration is possible while you are in the tender operation.	Attempted registration whilst partial tender operation is being done.	Finalize the transaction.
E031 Press ST key before Finalization.	ST compulsory	Press ST key.
E033 Enter tendered amount.	Amount tender compulsory	Enter tendered amount.
E035 Change amount exceeds the limit.	Change amount exceeds the limit.	Enter amount tendered again.
E036 Remove money from the drawer.	Contents of the drawer exceed the programmed limit — Sentinel function.	Perform pickup operation.
E037 Digit or Amount Limitation Over.	H.D.L., H.A.L., L.D.L. error	Enter correct unit price/amount.
E038 Perform Money Declaration	Money declaration compulsory	Perform money declaration.
E040 Issue Guest Receipt.	Guest receipt compulsory	Issue a guest receipt.
E041 Print Validation.	Validation compulsory	Perform validation operation.
E044 Print Cheque.	Check print compulsory	Perform check print operation.
E045 Print Check-Endorsement.	Check endorsement compulsory	Perform check endorsement operation.
E046 REG Buffer Full. Please Finalize or NB.	Registration buffer full	Finalize the transaction. Allocate sufficient buffer.
E047 Print bill.	Slip compulsory	Perform slip printing operation.
E048 Insert Slip Paper and retry.	Alarm when no paper is inserted in the Slip.	Insert new slip paper.
E049 CHECK memory full.	Check tracking index full/near end	Finalize and close the check number currently used.
E050 Detail memory full.	Check tracking memory full/near end	Finalize and close the check number currently used.
E051 CHK/TBL No. is occupied.	Attempt is made to use the <NEW CHECK> key to open a new check using a number that is already used for an existing check tracking memory.	Finalize and close the check that is currently under the number that you want to use or use a different check number.
E052 CHK/TBL No. is Busy.	Attempt to use the same check number whilst the specified number is being used in the other terminal.	Use another check number or close the check at that terminal.
E053 CHK/TBL No. is not opened.	Check number not found	Use the correct check number (if you want to reopen a check that already exists in the check tracking memory) or use <NEW CHECK> to open a new check.
E054 Out of CHK/TBL No. Range.	Check number range over	Enter correct number.
E056 Store range full.	All check number are occupied in range.	Recall the stored data.
E057 No item exists in detail.	Round repeat cannot be found in detail.	
E058 Enter post entry item.	Post entry item exists in detail.	Enter Post entry item.
E059 Press Eat-in or Take-out key.	Press eat-in or take-out key.	Press Eat-in or Takeout key.
********** E060 Printer offline.	Printer offline. "****" means ECR logical ID and printer number.	
********** E061 Printer error.	Printer downed. "****" means ECR logical ID and printer number.	The contents are printed on the backup printer.

Prompt message	Meaning	Action
********** E061 Printer error. YES:Retry to print. NO :Backup to R/J printer. ESC:Discard data.	Printer downed. “****” means ECR logical ID and printer number.	Follow the prompt message.
********** E062 Printer paper end.	Paper near-end/end “****” means ECR logical ID and printer number.	The contents are printed on the backup printer.
********** E062 Printer paper end. YES:Retry to print. NO :Backup to R/J printer. ESC:Discard data.	Paper near-end/end “****” means ECR logical ID and printer number.	Follow the prompt message.
E064 Printer buffer full. YES:Retry to print. NO :Backup to R/J printer. ESC:Discard data.	Print buffer full at sender side	Follow the prompt message.
********** E070 Terminal out of action. Cannot print.	Down at target ECR which has printer “****” means ECR logical ID and printer number.	
********** E071 Target terminal printer BF full. YES:Retry to print. NO :Backup to R/J printer. ESC:Discard data.	Printer buffer full at target ECR which has printer “****” means ECR logical ID and printer number.	Follow the prompt message.
********** E072 Target printer terminal is busy.	Busy at target ECR which has printer “****” means ECR logical ID and printer number.	
********** E073 Your receipt/order may not be issued. YES:Retry to print. NO :Backup to R/J printer. ESC:Discard data.	Time out at ECR which has printer “****” means ECR logical ID and printer number.	Follow the prompt message.
E075 Negative Balance, cannot be finalized.	Attempted finalization when balance is less than zero.	Register item(s) until the balance becomes positive amount.
E080 Electronic Journal Full Please clear E-Journal.	Electronic journal full	Reset the electronic journal memory.
E082 ***** Illegal Data *****	Illegal Electronic journal data	
E083 Cannot create E-Journal. Check Flash memory.	Electronic journal file cannot be created.	Check flash memory.
********** E105 Check/TBL tracking Master down. Please call Manager!! YES:Retry for connection. NO :Remove it from system.	CHK master down “****” means ECR logical ID.	Follow the prompt message.
********** E106 Check/TBL tracking Backup master down. Please call Manager!! YES:Retry for connection. NO :Remove it from system.	CHK BM down “****” means ECR logical ID.	Follow the prompt message.
********** E107 Both Master&Backup master down. CHK/TBL tracking or Clerk interrupt is not available.	CHK M/BM down “****” means ECR logical ID.	
********** E108 CHK/TBL Master is removed from system.	Master down then take it off from system “****” means ECR logical ID.	
********** E109 CHK/TBL Backup master is removed from system.	Backup master down then take it off from system “****” means ECR logical ID.	
E110 CHK data mismatch between Master and Backup master.	Data mismatch has occurred.	
E130 Middle of Pick up or Loan Press Cancel Key.	During picking up	Follow the prompt message.
E131 Middle of <Bill Copy> Press Cancel Key.	During bill copy	Follow the prompt message.
E133 Middle of <Media Change> Press Cancel Key.	During media change	Follow the prompt message.

Prompt message	Meaning	Action
E134 Middle of Clerk Transfer Press ESC Key.	During clerk transfer	Follow the prompt message.
E136 Middle of Separate Check Press ESC key.	During separate check	Follow the prompt message.
E139 Not allowed to be negative by Minus/Coupon key.	Credit balance error	Enter proper minus/coupon amount.
E140 Wrong menu.	This sheet holder is prohibited by program.	Set correct sheet holder.
E141 Press <TRAY TTL> twice before finalization.	<TRAY TOTAL> key is not pressed twice before finalization.	Follow the prompt message.
E145 Arrangement syntax error.	Arrangement syntax error	Program the arrangement again.
E150 Incorrect value entry.	Incorrect entry for PGM	Enter proper value again.
E151 Incorrect Key Pressed.	Linking is incorrect.	Enter proper key again.
E152 PGM File or Memory number does not Exist.	No such file, no such record	Enter file/record number again.
E164 Employee No. is not Found in the Employee File.	Employee No. is not set in the Employee File.	Enter employee number again.
E165 Employee No. is not Clocking-in.	Employee has not done CLOCK-IN operation yet.	Perform CLOCK-IN operation.
E166 Employee No. is Occupied.	Employee who has done CLOCK-IN operation attempts to operate CLOCK-IN again.	Enter the proper employee number again.
E167 Incorrect Job code.	Employee attempts to operate CLOCK-IN with incorrect JOB code.	Enter proper job code.
E168 Your Operation is out of Schedule. Please Call Manager.	Employees operate CLOCK-IN/OUT in not allowance time.	Follow the prompt message.
E169 Work Hours Exceeded. Please Call Manager.	Overtime work.	Follow the prompt message.
E170 No Shift Remains in the Schedule. You cannot Clock-in.	There is no available shift left.	
E171 Please Break-out and Retry.	Employee attempts to operate CLOCK-OUT whilst he/she is in a break time.	Follow the prompt message.
E172 Break Hours Exceeded. Please Call Manager.	Break hours are exceeded.	Follow the prompt message.
E173 This employee is at work now.	Employee is at work without break.	
E174 This employee is taking a break now.	Employee who has not done BREAK-OUT operation attempts to operate BREAK-IN.	
E175 Please Clock-in/Break-out before you sign on. or Please Call Manager.	Sign on after you clock-in or break out.	Follow the prompt message.
E176 You cannot Clock-in. Please reset Employee Report.	Employee Report has not been reset.	Follow the prompt message.
E177 Time&Attendance Data Communication Error. Please Call Manager.	Time & Attendance Data communication error.	Follow the prompt message.
E180 IDC FILE (1) memory full. Please clear IDC data.	IDC FILE (1) memory is full of items.	Follow the prompt message.
E181 IDC FILE (2) memory full. Please clear IDC data.	IDC FILE (2) memory is full of items.	Follow the prompt message.
E182 IDC FILE (3) memory full. Please clear IDC data.	IDC FILE (3) memory is full of items.	Follow the prompt message.
E200 Insert CF Card.	CF card is not inserted to the slot.	Insert CF card.
E201 Format error.	CF card data or formats illegal.	Check the CF card.
E203 Insufficient memory.	Insufficient memory is remained in CF card.	Format or use a new CF card.
E205 The file already exists. Do you replace? YES:Replace the file. NO :Input new name.	File name duplication error	Follow the prompt message.
E240 Customer No. is occupied.	Attempt is made to set a customer that already exists in the customer file.	Enter proper customer No.
E241 Customer memory full.	Customer file becomes full.	Delete unnecessary customer No.
E242 Customer not found.	This customer does not exist.	Enter proper customer No.
E243 Illegal Site ID.	The site No. of the file does not coincide with the No. of the card.	Swipe the proper magnetic card.
E244 Credit limit over.	Attempt to transfer when the balance is over than the credit limit	Release credit limit by OPEN2 Make minus, void, or refund operation to decrease the balance under the credit limit. Perform finalization or cancellation.
E251 Magnetic card error.	This card cannot be read. This card format is illegal.	Swipe the magnetic card again. Swipe the proper magnetic card.
E252 Enter customer name.		Follow the prompt message.
E253 Enter address.		Follow the prompt message.
E254 Enter phone number.		Follow the prompt message.

When the terminal does not operate at all

Perform the following check whenever the terminal enter an error condition as soon as you switch it on. The results of this check are required by service personnel, so be sure to perform this check before you contact a CASIO representative for servicing.



In case of power failure

If the power supply to the terminal is cut by a power failure or any other reason, simply wait for power to be restored. The details of any on-going 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
- Power failure during printing of a receipt and the journal
  Printing on remote printer will resume after power is restored. A line that was being printed when the power failure occurred is printed in full.

The memory protection battery is constantly charging and discharging as you switch the terminal on and off during normal operations. This causes the capacity of the battery to decrease after approximately five years of use.

Important !

- Remember a weak battery has the potential of losing valuable transaction data.
- A label on the back of the terminal shows the normal service period of the battery installed in the terminal.
- Have the battery replaced by your dealer within the period noted on this label.

Options

Remote customer display:	QT-6060D
Hand held scanner:	HHS-15
Slip printer:	SP-1300
Cable:	PRT-CB-8C
Power supply:	AD31U or AD31E
Remote printer:	UP-360, UP-250
Cable:	PRT-CB-8A or PRT-CB-8B
Power supply:	PS-180 and AC-170 for UP-250
Cash drawer:	
MCR:	QT-6046MCR
Interlink cable:	PRL-CB-2

Consult with your CASIO dealer for details.

Input method
Entry: 10-key system
Function: Full key system
Display
Main: Color LCD: 12.1 inch 800 × 600 dots with touch screen
Listing capacity
Amount: 9999999
Quantity: 9999.999
Tendered amount: 9999999999
Percent: 99.99
Tax rate: 9999.9999
Numbers: 999999999999
Chronological data
Date print: Automatic date printout on receipt or journal, automatic calendar
Time print: Automatic time printout on receipt or journal, 24-hour system/12-hour system
Alarm
Key catch tone, error alarm, sentinel alarm
Memory protection battery
24-hour full charge protects memories for approximately 30 days.
Battery should be replaced every five years.
Power supply/power consumption
See the rating plate.
Operation temperature
0˚C ~ 40˚C (32˚F ~ 104˚F)
Humidity
20 ~ 85%
Dimensions and weight
311 mm (H) max. × 343 mm (W) × 327 mm (D) max. / 5.3 kg …without drawer
(12 1/4" (H) max. × 13 1/2" (W) × 12 7/8" (D) max. / 11 lbs. 10 oz)

Totalizers	Contents					
Category	No. of totalizers	Amount (10 digits)	No. of items (6 integer/3 decimal)	Count (4 digits)	No. of customers (6 digits)	Periodic totalizers
Department	Up to 99	✔	✔			✔
PLU	Up to 9999	✔	✔			✔
Clerk	Up to 99	✔	✔	✔	✔	✔
Hourly sales	24 ~ 96	✔		✔	✔	✔
Monthly sales	32	✔	✔	✔	✔	✔
Transaction	Variable with program					✔
Non resettable grand total	3	✔ (16 digits)				
Reset counter				✔		
Consecutive No.	1			✔ (6 digits)		

**** Specifications and design are subject to change without notice.***

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