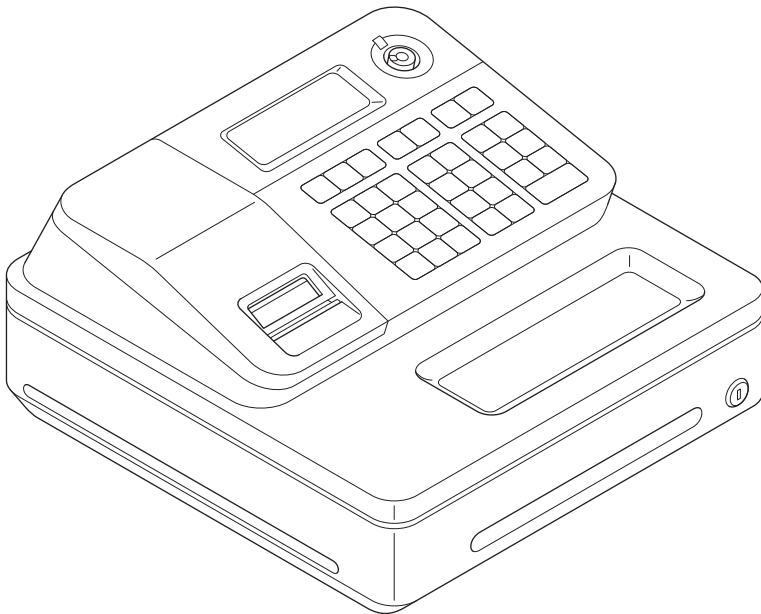


**CASIO®**

User's Manual

**SE-G1**  
**PCR-T273**  
**SM-T274**

Electronic Cash Register



**SIAA**  
ISO 22196  
for KOHKIN

## Introduction

---

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

For the basic settings of your cash register, please see "Quick Start Guide".

### **IMPORTANT**

For programming assistance please visit  
[http://casio4business.com/sa\\_index.html](http://casio4business.com/sa_index.html)

### **CASIO Authorized Service Centers**

If your CASIO product needs repair, or you wish to purchase replacement parts, please visit <http://casio4business.com>.

### **Original Carton/Package**

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

### **Location**

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

### **Power Supply**

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

### **Cleaning**

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

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

# What would you like to do with your cash register?

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# To use the cash register safely

- Congratulations upon your selection of this CASIO product. Be sure to read the following safety precautions before using it for the first time. After reading this guide, keep it close at hand for easy reference.
- Please pay due attention to the following symbols to help you use the product safely and properly and to avoid any personal injury or damage to the product.

 <b>Danger</b>	If this symbol is ignored and the product consequently mis-used, it can result in serious personal injury and/or death.
 <b>Warning</b>	If this symbol is ignored and the product consequently mis-used, it may result in serious personal injury and/or death.
 <b>Caution</b>	If this symbol is ignored and the product consequently mis-used, it may result in personal injury and/or property damage.

- The figures in this manual have the following meanings.

	This symbol means be careful = a warning. The example at left is a warning about an electrical shock.
	This symbol indicates something you must not do = prohibited action. The example at left means never disassemble the product.
	This symbol indicates something you must do = an instruction. The example at left indicates you should unplug the product from the outlet. Please note that instructions that are difficult to express by a figure are indicated by  .

## **Danger**

**If liquid that leaked from a battery gets in your eye, on your skin or clothes, deal with it immediately as follows.**



1. Immediately rinse it off with lots of water.
  2. Immediately get medical treatment.
- Failing to act may result in a rash or loss of sight.

## **Warning**




### **Handling the register**







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

# To use the cash register safely


## Warning

-  Do not place containers of liquids near the register and do not allow any foreign matter to get into it. Should water or other foreign matter get into the register, immediately shut down the power and unplug the AC plug from the power outlet. Continued use creates the danger of short circuit, fire and electric shock. Contact CASIO service representative.
-  Should you drop the register and damage it, immediately shut down the power and unplug the AC plug from the power outlet. Continued use creates the danger of short circuit, fire and electric shock. Attempting to repair the register yourself is extremely dangerous. Contact CASIO service representative.
-  Never try to take the register apart or modify it in any way. High-voltage components inside the register create the danger of fire and electric shock. Contact CASIO service representative for all repair and maintenance.

## Power plug and AC outlet

-  Use only a proper AC electric outlet. Use of an outlet with a different voltage from the rating creates the danger of malfunction, fire, and electric shock. Overloading an electric outlet creates the danger of overheating and fire.
-  Make sure the power plug is inserted as far as it will go. Loose plugs create the danger of electric shock, overheating, and fire. Do not use the register if the plug is damaged. Never connect to a power outlet that is loose.
-  Use a dry cloth to periodically wipe off any dust built up on the prongs of the plug. Humidity can cause poor insulation and create the danger of electric shock and fire if dust stays on the prongs.
-  Do not allow the power cord or plug to become damaged, and never try to modify them in any way. Continued use of a damaged power cord can cause deterioration of the insulation, exposure of internal wiring, and short circuit, which creates the danger of electric shock and fire. Contact CASIO service representative whenever the power cord or plug requires repair or maintenance.


## Caution


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





# To use the cash register safely

## Caution


### Do not place the register in the following areas.

-  • Areas where the register will be subject to large amounts of humidity or dust, or directly exposed to hot or cold air.
  - Areas exposed to direct sunlight, in a close motor vehicle, or any other area subject to very high temperatures.
- The above conditions can cause malfunction, which creates the danger of fire.


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

-  • Be sure to grasp the plug when unplugging the power cord from the wall outlet. Pulling on the cord can damage it, break the wiring, or cause short, creating the danger of fire and electric shock.
-  • Never touch the plug while your hands are wet. Doing so creates the danger of electric shock. Pulling on the cord can damage it, break the wiring, or cause short, creating the danger of fire and electric shock.
-  • At least once a year, unplug the power plug and use a dry cloth or vacuum cleaner to clear dust from the area around the prongs of the power plug.  
Never use detergent to clean the power cord, especially power plug.
-  • Keep small parts out of the reach of small children to make sure it is not swallowed accidentally.

### Only use the specified batteries.

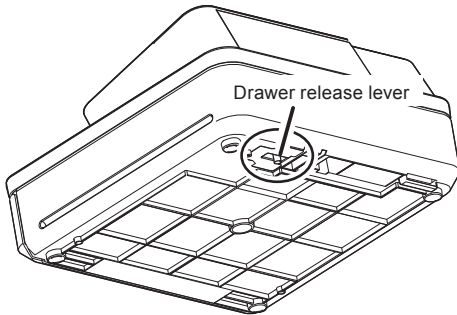
-  • Do not disassemble, modify or short-circuit them.
- Do not put them in fire or water or heat them.
- Do not mix new and old batteries or different types of batteries.
- Orient the terminals +- correctly.
- Remove the batteries if the system will not be used for a long time.
- After batteries are spent, dispose of them as per local regulations.
- Do not try to recharge dry cell batteries.

### Disposing of batteries:

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

# Precautions for Use

## When the cash drawer does not open!

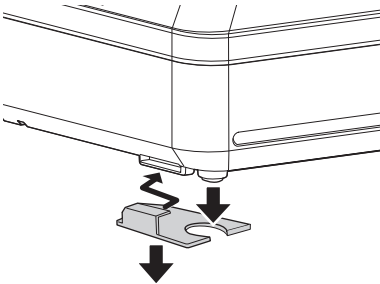


In case of power failure or the machine is in malfunction, the cash drawer does not open automatically. Even in these cases, you can open the cash drawer by pulling drawer release lever (see below).

### Important!

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

## About drawer hook



Drawer hook prevents the cash register from falling caused by weight of coins.

Insert the drawer hook in the ditch of the drawer. Peel the release paper from the drawer hook and stick the drawer on the place where the register is installed.

As it may cause a malfunction of the drawer, please do not put coins and bills in the drawer excessively.

### LIMITED WARRANTY : ELECTRONIC CASH REGISTERS

This product, except the battery, is warranted by CASIO to the original purchaser to be free from defects in material and workmanship under normal use for a period, from the date of purchase, of one year for parts and 90 days for labor. For one year, upon proof of purchase, the product will be repaired or replaced (with the same or a similar model) at CASIO's option, at a CASIO Authorized Service Center without charge for parts. Labor will be provided without charge for 90 days. The terminal resident software and programmable software, if any, included with this product or any programmable software which may be licensed by CASIO or one of its authorized dealers, is warranted by CASIO to the original licensee for a period of ninety (90) days from the date of license to conform substantially to published specifications and documentation provided it is used with the CASIO hardware and software for which it is designed. For a period of ninety (90) days, upon proof of license, CASIO will, at its option, replace defective terminal resident software or programmable software, correct significant program errors, or refund the license fee for such software. Significant program errors will be significant deviations from written documentation or specifications. These are your sole remedies for any breach of warranty. In no event will CASIO's liability exceed the license fee, if any, for such software. This warranty will not apply if the product has been misused, abused, or altered.

Without limiting the foregoing, battery leakage, bending of the unit, a broken display tube, and any cracks or breaks in the display will be presumed to have resulted from misuse or abuse. To obtain warranty service you must take or ship the product, freight prepaid, with a copy of the sales receipt or other proof of purchase and the date of purchase, to a CASIO Authorized Service Center. Due to the possibility of damage or loss, it is recommended when shipping the product to a CASIO Authorized Service Center that you package the product securely and ship it insured. CASIO HEREBY EXPRESSLY DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE. NO RESPONSIBILITY IS ASSUMED FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING WITHOUT LIMITATION DAMAGES RESULTING FROM MATHEMATICAL INACCURACY OF THE PRODUCT OR LOSS OF STORED DATA. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU.

This warranty gives you specific rights, and you may also have other rights which vary from state to state.

# Precautions for Use



Manufacturer: CASIO COMPUTER CO., LTD.  
6-2, Hon-machi 1-chome, Shibuya-ku, Tokyo 151-8543, Japan  
Responsible within the European Union: CASIO EUROPE GmbH  
CASIO-Platz 1, 22848 Norderstedt, Germany

Please keep all information for future reference.  
The declaration of conformity may be consulted at <http://world.casio.com/>

Laite on liitettävä suojamaadoituskostkettimilla vaurastettuun pistorasiaan  
Apparatet må tilkoples jordet stikkontakt  
Apparaten skall anslutas till jordat nätuttag.



This mark applies in EU countries only.

This product is also designed for IT power distribution system with phase-to-phase voltage 230 V.

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.

## 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.

## 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.



# To use the cash register's basic function

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To set tax table.....	E-11
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# To use the cash register's basic function

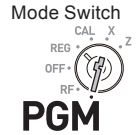
## To Program basic settings


This section describes the fundamental programming for basic operations.

### ■ To issue receipts

Instead of recording on journal paper, you can issue receipts.

- 1** Remove the printer cover by lifting up.
- 2** Lift the take up reel and cut the paper.
- 3** Replace the printer cover.
- 4** Turn the Mode switch to **PGM** position.  
“P” appears on the display.
- 5** Press **1**  to set the cash register in program mode.
- 6** Press **1**  to set the register in “Receipt” mode.  
Now your cash register issues receipts.

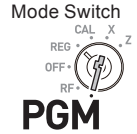


**NOTE** If you wish to restore the register to “Journal” mode, press **0**  in step 6.

# To use the cash register's basic function

## ■ To set tax table





To program the tax table, follow these operations.



**NOTE** If you wish to set flat tax rate, please see “To set tax tables and rounding system” on page E-41.

### Step

### Operation

- 1 Enter **3** then press  to set the cash register in program mode.
- 2 Enter **0 0 2 5** and press  key. “0025” is the function code for tax table setting.
- 3 Referring “Tax tables of each state” on page E-12, choose tax table of your area and enter the table number then press  key. The example shown on the right is choosing tax table number “0101”.
- 4 If necessary, repeat the step 3 for tax table 2.
- 5 Press  to complete the setting.

**3** 

**0 0 2 5** 

**0 1 0 1** 



# To use the cash register's basic function

## ■ Tax tables of each state

ALABAMA		
0101	4%	State & Local
0102	4.5%	State & Local
0103	5%	State & Local
0104	5.5%	State & Local
0105	6%	State & Local
0106	6.5%	State & Local
0107	7%	State & Local
0108	7.5%	State & Local
0109	8%	State & Local
0110	8.5%	State & Local
0111	9%	State & Local
ALASKA		
0201	2%	KENAI
0202	3%	
0203	3%	HOMER
0204	4%	HAINES
0205	4%	JUNEAU
0206	5%	KENAI
0207	5%	SEWARD
0208	5.5%	HOMER
0209	6%	
ARIZONA		
0301	5.6%	
0302	6.8%	
0303	7.1%	
0304	7.8%	
0305	8.1%	
0306	8.3%	
0307	8.6%	
0308	8.8%	
ARKANSAS		
0401	4.5%	
0402	5%	
0403	5.5%	
0404	6%	
0405	6.5%	
0406	7.5%	
0407	8.5%	
0408	9%	
0409	9.5%	
0410	10.5%	
0411	11.5%	
CALIFORNIA		
0501	7%	
0502	7.125%	
0503	7.25%	
0504	7.375%	
0505	7.5%	
0506	7.625%	
0507	7.75%	
0508	7.875%	
0509	7.925%	
0510	7.975%	
0511	8%	
0512	8.175%	
0513	8.25%	
0514	8.275%	
0515	8.375%	
0516	8.475%	
0517	8.5%	
0518	8.725%	
0519	8.75%	
0520	8.875%	
0521	8.975%	
0522	9%	
0523	9.25%	
0524	9.475%	
0525	9.5%	
0526	9.725%	

0527	9.75%	
0528	10.25%	
COLORADO		
0601	3.75%	
0602	5.75%	
0603	6.15%	
0604	6.75%	
0605	7.5%	
0606	8.5%	
0607	2.9%	
CONNECTICUT		
0701	6%	
DELAWARE : No State Sales Tax		
COLUMBIA		
0901	2%	
0902	5%	
0903	6%	
0904	9%	
0905	11%	
0906	12%	
FLORIDA		
1001	6%	
1002	6.5%	
1003	7%	
1004	3%	
1005	3.5%	
1006	4%	
GEORGIA		
1101	4%	
1102	5%	
1103	6%	
1104	1%	
1105	2%	
1106	3%	
1107	6%	
1108	7%	
HAWAII		
1204	4%	
IDAHO		
1301	5%	
1302	6%	
ILLINOIS		
1401	6.25%	
1402	6.5%	
1403	6.75%	
1404	7%	
1405	7.125%	
1406	7.25%	
1407	7.5%	
1408	7.75%	
1409	8%	
1410	8.25%	
1411	8.5%	
1412	8.75%	
1413	9%	
1414	9.25%	
1415	9.5%	
1416	9.75%	
1417	1%	
INDIANA		
1501	5%	
1502	5%	SALES TAX
1503	6%	
1504	7%	
IOWA		
1601	5%	State & Local
1602	6%	State & Local
1603	7%	State & Local
KANSAS		
1701	2.5%	

1702	3%	
1703	3.1%	
1704	3.25%	
1705	3.5%	
1706	3.75%	
1707	4%	
1708	4.1%	
1709	4.5%	
1710	4.9%	
1711	5.4%	
1712	5.5%	
1713	5.65%	
1714	5.9%	
1715	6.15%	
1716	6.4%	
1717	6.5%	
1718	6.9%	
1719	5.3%	
KENTUCKY		
1801	6%	
LOUISIANA		
1901	4%	
1902	4.5%	
1903	5%	
1904	5.25%	
1905	5.5%	
1906	5.75%	
1907	5.8%	
1908	6%	
1909	6.25%	
1910	6.5%	
1911	6.7%	
1912	6.8%	
1913	7%	
1914	7.5%	
1915	7.8%	
1916	8%	
1917	8.5%	
1918	9%	
1919	10%	
MAINE		
2001	5%	
2002	5.5%	
2003	7%	
2004	10%	
MARYLAND		
2101	5%	
2102	6%	
MASSACHUSETTS		
2201	5%	
MICHIGAN		
2301	6%	
2302	4%	
MINNESOTA		
2401	6.5%	
2402	7%	
2403	7.5%	
2404	9%	
2405	9.5%	
2406	10%	
MISSISSIPPI		
2501	7%	
MISSOURI		
2601	4.225%	State
2602	4.6%	State & Local
2603	4.725%	State & Local
2604	4.85%	State & Local
2605	4.975%	State & Local
2606	5.1%	State & Local
2607	5.225%	State & Local

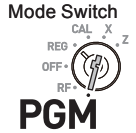
# To use the cash register's basic function

2608	5.475%	State & Local
2609	5.6%	State & Local
2610	5.725%	State & Local
2611	5.85%	State & Local
2612	5.975%	State & Local
2613	6.1%	State & Local
2614	6.225%	State & Local
2615	6.35%	State & Local
2616	6.475%	State & Local
2617	6.6%	State & Local
2618	6.725%	State & Local
2619	6.85%	State & Local
2620	6.975%	State & Local
2621	7.225%	State & Local
2622	7.725%	State & Local
2623	1.225%	Food
MONTANA : No State Sales Tax		
NEBRASKA		
2801	4.5%	
2802	5%	
2803	5.5%	
2804	6%	
2805	6.5%	
NEVADA		
2901	6.5%	
NEW HAMPSHIRE		
3001	7%	
3002	7%	Rooms & Meals
3003	8%	Rooms & Meals
NEW JERSEY		
3101	6%	
3102	7%	
NEW MEXICO		
3201	5%	
NEW YORK		
3301	4%	State
3302	5%	State & Local
3303	6%	State & Local
3301	7%	State & Local
NORTH CAROLINA		
3401	3%	
3402	4%	
3403	6%	
3404	6.5%	
NORTH DAKOTA		
3501	3%	
3502	3.5%	
3503	4%	
3504	5%	
3505	5.5%	
3506	6%	
3507	6.5%	
3508	7%	
3509	7.5%	
3510	8%	
3511	9%	
OHIO		
3601	5%	
3602	5.25%	
3603	5.5%	
3604	5.75%	
3605	6%	
3606	6.25%	
3607	6.5%	
3608	6.75%	
3609	7%	
3610	7.25%	
3611	7.5%	
3612	7.75%	
3613	8%	
OKLAHOMA		
3701	4.5%	
3702	4.7%	
3703	4.85%	

3704	4.875%	
3705	4.917%	
3706	5%	
3707	5.25%	
3708	5.5%	
3709	5.75%	
3710	6%	
3711	6.125%	
3712	6.25%	
3713	6.35%	
3714	6.5%	
3715	6.625%	
3716	6.75%	
3717	6.875%	
3718	6.917%	
3719	7%	
3720	7.125%	
3721	7.25%	
3722	7.375%	
3723	7.5%	
3724	7.6%	
3725	7.7%	
3726	7.75%	
3727	7.85%	
3728	7.875%	
3729	7.917%	
3730	8%	
3731	8.125%	
3732	8.2%	
3733	8.25%	
3734	8.35%	
3735	8.375%	
3736	8.417%	
3737	8.5%	
3738	8.725%	
3739	8.75%	
3740	8.85%	
3741	8.875%	
3742	9%	
3743	9.125%	
3744	9.25%	
3745	9.35%	
3746	9.375%	
3747	9.5%	
3748	9.6%	
3749	9.625%	
3750	9.75%	
3751	9.85%	
3752	10%	
3753	10.25%	
3754	10.35%	
3755	10.5%	
3756	10.75%	
OREGON : No State Sales Tax		
PENNSYLVANIA		
3901	6%	
RHODE ISLAND		
4001	7%	
SOUTH CAROLINA		
4101	5%	
4102	6%	
4103	3%	
SOUTH DAKOTA		
4201	3%	
4202	4%	
4203	5%	
4204	5.5%	
4205	6%	
4206	6.5%	
4207	7%	
4208	7.5%	
4209	8%	
TENNESSEE		
4301	7%	

4302	7.5%	
4303	7.75%	
4304	8%	
4305	8.25%	
4306	8.5%	
4307	8.75%	
4308	6%	
TEXAS		
4401	6.25%	
4402	6.75%	
4403	7%	
4404	7.25%	
4405	7.75%	
4406	8%	
4407	8.25%	
UTAH		
4501	5.75%	State & Local
4202	6%	State & Local
4503	6.25%	State & Local
4504	7.25%	State & Local
4505	8.25%	State & Local
4506	4.75%	
4507	2.75%	
VERMONT		
4601	5%	
4602	6%	
VIRGINIA		
4701	3.5%	
4702	4%	
4703	5%	
4704	2.5%	
WASHINGTON		
4801	7%	State & Local
4802	7.3%	State & Local
4803	7.5%	State & Local
4804	7.6%	State & Local
4805	7.7%	State & Local
4806	7.8%	State & Local
4807	7.9%	State & Local
4808	8%	State & Local
4809	8.1%	State & Local
4810	8.2%	State & Local
4811	8.3%	State & Local
4812	8.4%	State & Local
4813	8.6%	State & Local
4814	8.7%	State & Local
4815	9.1%	State & Local
4816	6.5%	
WEST VIRGINIA		
4901	6%	
4902	5%	
WISCONSIN		
5001	5%	
5002	5.5%	
WYOMING		
5101	3%	State
5102	4%	State & Local
5103	5%	State & Local
PUERTO RICO		
5201	7%	

# To use the cash register's basic function



## ■ To change taxable statuses of departments

By default, taxable statuses of departments are as follows.

Dept. 2: Taxable status 1

Depts. 1, and 3 through 24: Non-taxable.

You can change the statuses by the following operations.

### Sample Operation

Setting Depts. 1 through 4 as non-taxable and Depts. 9 through 11 as taxable 1.

#### Step

**1** Press **1** then **TAX** to set the register in tax program mode.

**2** Press corresponding tax status setting key (see the table below) first then press Dept. keys you wish to set. The example on the right is for setting Depts. 1 through 4 as non-taxable.

**3** Depts. 9 through 24 are assigned by combinations of and Depts. keys. The example on the right is for setting Depts. 9 through 11 as taxable status 1.

**4** Press to complete the settings.

#### Operation

**1**

**+ 1** **- 2** **x 3** **+ 4**  
**A** (Depts. 1 through 4)

**+ 1** **- 2** **x 3**  
**A** ( Depts. 9 through 11 )

Taxable status selections	
Taxable status 1	
Taxable status 2	
Taxable status 1 and 2	
Taxable status 3	
Taxable status 4	
Non-taxable	

**A**

#### Further operations:

- “To set tax tables and rounding system” on page E-41.

# To use the cash register's basic function

## To use the cash register's basic functions

This section explains the fundamental operations of the cash register. For further usages, please see the pages referred in each operation.

### ■ To open the cash drawer without any transaction

You can use this feature for changing money etc.

Mode Switch



#### Step

#### Operation

**1** Just press key.



The cash drawer opens without any registration.

### ■ Basic registration

You can register items in corresponding Dept. (department, see below)

#### Sample Operation

Unit Price	\$1.00	\$2.00	\$0.30
Quantity	1	1	1
Dept.	2	13	21
Tendered cash amount	\$5.00		

#### Step

#### Operation

**1** Enter 100 then key.



\$1.00 has been registered in Dept. 2.

**2** Press before entering the unit price.



\$2.00 is registered in Dept. 13.

Depts. 9 through 24 are selected by the combination of and through keys.

**3** Press key twice before inputting the unit price then key.



\$0.30 is registered in Dept. 21

Pressing key twice and through keys assign Depts. 17 through 24.

*Continues to the next page. ➔*

# To use the cash register's basic function

## Step

**4** Press  key.

The subtotal amount will be displayed.

**5** Input tendered cash amount then press

 key.

If received amount is more than the subtotal amount, the amount of change will be displayed and printed.

## Operation





## Printout

01-21-2013	09:00		
REG	0002		
DEPT02	T 1	\$1.00	— Department No./Unit Price
DEPT13		\$2.00	
DEPT21		\$0.30	
TA1		\$1.00	— Taxable Subtotal
TAX1		\$0.04	— Tax
TOTAL		<b>\$3.34</b>	— Subtotal
CASH		\$5.00	— Cash Amount Tendered
CHANGE		\$1.66	— Change

### Further operations:

- “To give discount or premium” on page E-67.
- “To set a unit price in a department key” on page E-31.
- “To set PLU unit price” on page E-40.
- “To link PLUs to departments” on page E-41.



# To use the cash register's basic function

Mode Switch





## ■ To register multiple quantity of the same item

You can register multiple quantity of items in a department by pressing Dept. key repeatedly or using  key.

### Sample Operation

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

#### Step

- 1 Input the unit price then Dept. key. One piece of an item is registered in the department.
- 2 Press the same Dept. key again.  
Every time you press the Dept. key, the item is registered in the department.
- 3 Input the number of quantity then press the multiplication key.
- 4 Input the unit price of the item. In this example, three pieces of \$1.35 items are registered.
- 5 Complete the transaction by pressing  and  keys.

#### Operation

**1 0 0** 

**- 2**

**3** 

**1 3 5** 

### Printout

01-21-2013		09:10
REG		0003
DEPT02	T1	\$1.00
DEPT02	T1	\$1.00
	3 X	@1.35
DEPT03	T1	\$4.05
TA1		\$6.05
TAX1		\$0.24
CASH		\$6.29

— Repeated

— Sales Quantity/Unit Price

# To use the cash register's basic function

Mode Switch



## ■ To sell packaged item individually

You can sell packaged item individually. The example shown below is for selling three pieces of an item that is sold \$10.00 for 12 pieces.

### Sample Operation

Unit Price	\$10.00/12
Quantity	3
Dept.	1

#### Step

- 1 Input the quantity then press key.
- 2 Input the package quantity, in this case 12 then press key.
- 3 Enter package price, in this example 1000 then press key. The register calculates the price and shows the amount on the display.
- 4 Press key.
- 5 Press key to complete the transaction. If the customer paid an amount more than the total, enter the tendered amount before key.

#### Operation

- 
- 
- 
- 
- 

### Printout

01-21-2013	09:15
REG	0004
3 X	
12 /	@ 10.00
DEPT01	\$2.50
CASH	\$2.50

- Sales Quantity
- Packaged Quantity/Packaged Amount

# To use the cash register's basic function

## ■ To sell items on charge

Instead of cash, you can register charge sales.

Mode Switch



### Sample Operation

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

#### Step

- 1** Register the sold items in corresponding Dept. The example on the right is for registering \$1.00 in Dept. 1.
- 2** The example on the right is to registering \$2.00 in Dept. 2.
- 3** Press subtotal key to display the total amount.
- 4** Press **CH** key instead of **= CA/AMT /TEND** key.

#### Operation

**1 0 0 + 1**

**2 0 0 - 2**

**SUB  
TOTAL**

**CH**

### Printout

01-21-2013	09:30
REG	0005
DEPT01	\$1.00
DEPT02 T1	\$2.00
TA1	\$2.00
TAX1	\$0.08
CHARGE	<b>\$3.08</b>

— Charge sales

# To use the cash register's basic function

## ■ To sell items in cash and charge (split sales)

You can sell items partially on cash and the rest on charge.

The total amount of the following example is \$9.00 and the payment is made \$5.00 in cash and \$4.00 on charge.

Mode Switch



## Sample Operation

Unit Price	\$2.00	\$3.00	\$4.00
Quantity	1	1	1
Dept.	1	2	1
Tendered cash amount	\$5.00		

### Step

### Operation

**1** Register the items in corresponding department by inputting unit prices and Dept. keys.

**2 0 0 +1**

**2** Inputting \$3.00 in Dept. 2.

**3 0 0 -2**

**3** Inputting \$4.00 in Dept. 1.

**4 0 0 +1**

**4** Press **SUB TOTAL** key to display the total sales amount.

**SUB TOTAL**

**5** Enter the amount paid in cash then **= CA/AMT /TEND** key. The display shows the balance amount.

**5 0 0 = CA/AMT /TEND**

**6** Press **CH** key to pay the rest of the amount on charge.

**CH**

*Continues to the next page. ➔*

# To use the cash register's basic function

## Printout

---

01-21-2013		09:50
REG		0007
DEPT01		\$2.00
DEPT02	T 1	\$3.00
DEPT01		\$4.00
TA1		\$3.00
TAX1		\$0.12
TOTAL		<b>\$9.12</b>
CASH		\$5.00
CHARGE		\$4.12

— Tendered Cash amount

— Charged amount

# To use the cash register's basic function

## ■ To sell items by cash and check (split sales)

The following example is for paying \$20.00 in cash and the rest by check.

Mode Switch



### Sample Operation

Unit Price	\$30.00	\$25.00
Quantity	1	1
Dept.	2	3
Tendered cash amount	\$20.00	
Paid by check	\$36.20	

### Step

- 1 Register sold items by entering unit prices and Dept. keys.
- 2 Press . The display indicates the total amount.
- 3 Enter tendered cash amount then press . The display shows the balance due.
- 4 Pressing registers as the rest of the amount paid by a check.

### Operation

### Printout

01-21-2013	14:10
REG	0026
DEPT02	T1 \$30.00
DEPT03	\$25.00
TA1	\$30.00
TAX1	\$1.20
TOTAL	\$56.20
CASH	\$20.00
CHECK	\$36.20

# To use the cash register's basic function

## ■ To correct erroneous inputs

There are two ways to correct wrong inputs one is for correcting numeral entries (before pressing Dept. key) and the other is correcting stored data (after Dept. key has been pressed).

Mode Switch



### ■ Correction before pressing Dept. key

#### Sample Operation

By mistake, entered unit price \$4.00 instead of \$1.00.

#### Step

#### Operation

1 Press key after the wrong entry.



2 Enter the correct unit price then press Dept. key.



3 Finalize the transaction.



### ■ Correction after pressing Dept. key

Pressing Dept. key registers an item in the memory. The key cancels wrong registrations in a department. The followings are examples to cancel incorrect registrations.

Mode Switch



#### Sample Operation 1

Entered incorrect unit price \$5.50 instead of \$5.05 and pressed Dept. key.

#### Step

#### Operation

1 Wrong unit price \$5.50 is registered in Dept. 1.



2 Press key to cancel the registration.



3 Input the correct unit price \$5.05 and press Dept. 1 key.



4 Finalize the transaction.



Continues to the next page. ➔

# To use the cash register's basic function

## Printout






---

DEPT01	\$5.50
ERR CORR	-5.50
DEPT01	\$5.05

## Sample Operation 2

---

Entered incorrect unit price \$2.20 instead of \$2.30 and pressed Dept. key in multiplication registration.

Step	Operation
<b>1</b> Inputting quantity and multiplication key. The example on the right is selling three pieces of an item.	<b>3</b> 
<b>2</b> Incorrect unit price \$2.20 has been registered in Dept. 2.	<b>2 2 0 -2</b>
<b>3</b> Press  to cancel the registration.	
<b>4</b> Again input the quantity and the multiplication key.	<b>3</b> 
<b>5</b> Input the correct unit price \$2.30 and press Dept. key.	<b>2 3 0 -2</b>
<b>6</b> Finalize the transaction.	

## Printout

---

3 X	@2.20
DEPT02 T1	\$6.60
ERR CORR	-6.60
3 X	@2.30
DEPT02 T1	\$6.90

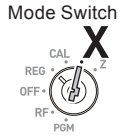


# To use the cash register's basic function

## To print sales reports

This section describes to print sales data of transactions stored in the register.

### ■ To print daily management report



#### ▪ Flash report

Flash report prints summarized sales data of the present time.

Step	Operation
------	-----------

1 Turn the Mode switch to **X** and press .  
The printer prints flash report.



### Printout

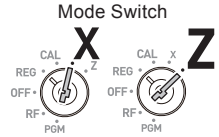
01-21-2013	16:50
X	0131
<b>FLASH X</b>	
GROSS TOTAL	QT 67
	\$270.48
NET TOTAL	No 36
	\$271.24
CASH-INDW	\$197.57
CHARGE-INDW	\$18.19
CHECK-INDW	\$45.18

- Read Symbol
- Gross Total Quantity
- Gross Sales Amount
- NET Total No. of Customers
- NET Sales Amount
- Cash Total in Drawer
- Charge Total in Drawer
- Check Total in Drawer

# To use the cash register's basic function

## ▪ Daily read/reset report


At the end of the business day, you can print categorized and summarized results of the day. Reset report (Z) clears all the sales data whereas the data remains in memory by Read report (X).



**NOTE** Please do not perform the Reset report (Z) printing while your store is open. It clears all the sales data.

### Step

### Operation

- Turn the Mode switch to **X** or **Z** and press . The printer prints Read (X) or Reset (Z) report.



### Printout

01-21-2013		19:25	Date/Time
Z	CLERK01	0073	Consecutive No.
0000	<b>DAILY</b>	Z 0012	Z Report Symbol/Non resettable consecutive No.
DEPT01	QT	48	Dept. Name/ No. of Items
		\$50.10	Amount
DEPT02	QT	28	
		\$76.40	
DEPT03	QT	17	
		\$85.80	
DEPT20	QT	4	
		\$3.00	
.....			
GROSS TOTAL	QT	108	Gross Sales No. of Items
		\$316.80	Gross Sales Amount
NET TOTAL	No	46	Net Sales No. of Customers
		\$325.13	Net Sales Amount
CASH-INDW		\$199.91	Cash in Drawer
CHARGE-INDW		\$16.22	Charge in Drawer
CHECK-INDW		\$105.00	Check in Drawer
TA1		\$105.10	Taxable Amount for Tax Rate 1
TAX1		\$4.20	Tax Amount for Tax Rate 1
ROUNDING AMT		\$1.23	Rounded Amount
RF-MODE TTL	No	2	RF Mode Count
		\$0.50	RF Mode Amount

# To use the cash register's basic function

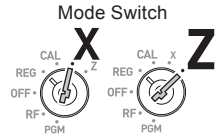
## Printout

CALCULATOR	No	3	No. of $\left[ \begin{smallmatrix} CA/AMT \\ = \\ /TRNG \end{smallmatrix} \right]$ key operation in CAL mode
.....			
CASH	No	44	Cash Sales Count
		\$203.91	Cash Sales Amount
CHARGE	No	3	Charge Sales Count
		\$16.22	Charge Sales Amount
CHECK	No	2	Check Sales Count
		\$105.00	Check Sales Amount
RA		\$6.00	Received On Account Amount
P0		\$10.00	Paid Out Amount
-		\$0.50	Reduction Amount
%-		\$0.66	Premium/Discount Amount
ERR CORR	No	21	Error Correction Count
NS	No	12	No sale Count
.....			
CLERK01		\$325.13	Clerk 1 Sales Amount (Refer to E-62 Cashier Assignment)
.....			
GT		\$0,000,832,721.20	Non-resettable Grand Sales total (Printed only on RESET report)

# To use the cash register's basic function


## ■ To obtain periodic reports

Apart from daily report, you can obtain periodic sales report. The register prints gross and net total sales data from the last periodic report. Namely, if you do this operation monthly, you can obtain monthly sales reports.



### Step

### Operation

**1** Enter the periodic report code "10" then press  key. Total quantities and amounts accumulated from the last periodic report will be printed.



### Printout

01-31-2013	20:35	Date/Time
Z	0365	Consecutive No.
0010 PERIODIC	ZZ 0001	Periodic Reset Symbol
GROSS TOTAL	QT 67	Gross Total Quantity
	\$270.73	Gross Sales Amount
NET TOTAL	No 38	Net Total No. of Customers
	\$271.24	Net Sales Amount

# Useful features

<b>Various programming .....</b>	<b>E-31</b>
To set a unit price in a department key .....	E-31
To set a rate on the percent key .....	E-32
To set a rounding calculation method and discount/premium settings on the percent key .....	E-32
To change the settings on departments .....	E-33
To set general controls .....	E-35
To set print controls .....	E-37
To set X and Z reports print controls .....	E-39
To set PLU unit price .....	E-40
To link PLUs to departments .....	E-41
To set tax tables and rounding system .....	E-41
To change taxable status of the percent key .....	E-43
To change taxable status number of the minus key .....	E-44
To set tax status print .....	E-45
Character keyboard .....	E-46
To program receipt messages .....	E-47
To read preset data other than PLU data .....	E-50
To read preset PLU data .....	E-52
<b>Various operations .....</b>	<b>E-53</b>
To register items with preset unit price set in a department ...	E-53
To register single item sales .....	E-55
To transact by check .....	E-56
To change the tax status in REG mode .....	E-57
To input tax amount manually .....	E-58
To use PLU .....	E-59
To sell single item using PLU .....	E-60
To refund .....	E-61
To assign a cashier .....	E-62
<b>Other operations .....</b>	<b>E-63</b>
To display date and time .....	E-63
To adjust time .....	E-63
To adjust date .....	E-64
To pay out from the drawer .....	E-64
To receive cash on account .....	E-65

# Useful features

To register a reference number.....	E-65
To reduce amount from subtotal.....	E-66
To give discount or premium .....	E-67
<b>Calculator mode .....</b>	<b>E-69</b>
To use the register as a calculator .....	E-69
To calculate during registrations.....	E-69
To set calculator functions .....	E-71
<b>When you consider it as a problem .....</b>	<b>E-72</b>
Troubleshooting .....	E-72
In case of power failure.....	E-73
When the L sign appears on the display .....	E-73
<b>Specifications .....</b>	<b>E-74</b>

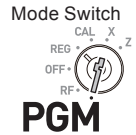
# Useful features

## Various programming

### ■ To set a unit price in a department key

You can preset unit prices in department keys so that you don't have to input a unit price before registering it in a department.

The following example is for presetting \$2.00 in Dept. 1, \$5.50 in Dept. 2, and \$15.00 in Dept. 3.



### Sample Operation

Unit Price	\$2.00	\$5.50	\$15.00
Dept.	1	2	3

#### Step

- 1 Press **1** **SUB TOTAL** keys. The register is ready to set unit prices in departments.
- 2 Input the unit price then press corresponding Dept. key. \$2.00 has been preset in Dept. 1.
- 3 You don't have to input the decimal point key. \$5.50 has been preset in Dept. 2.
- 4 \$15.00 has been preset in Dept. 3 by the operation on the right.
- 5 Press **SUB TOTAL** to complete the settings.

#### Operation



- 1** **SUB TOTAL**
- 2** **0** **0** **+ 1**
- 5** **5** **0** **- 2**
- 1** **5** **0** **0** **× 3**
- SUB TOTAL**

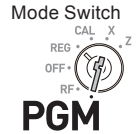
#### Further operations:

- "To register items with preset unit price set in a department" on page E-53.

# Useful features

## ■ To set a rate on the percent key





You can preset a percent rate on  key so that you don't have to input percent rate for discount sales. The following example is for setting 2.5% on the  key.



### Sample Operation

Discount rate	2.5%
---------------	------

#### Step

- 1 Press   to set the register in the program mode.
- 2 Input a percent rate you wish to set then press  key.
- 3 Press  to complete the setting.

#### Operation

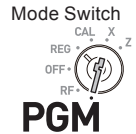
- 1  
- 2    
- 3 

#### Further operations:





- “To give discount or premium” on page E-67.

## ■ To set a rounding calculation method and discount/premium settings on the percent key

You can program rounding method on the percent key. Also you can assign the percent key to be used as discount or premium calculations. The following example sets the percent key to perform premium calculation with cutting off.



#### Step

- 1 Press   to set the register in the program mode.
- 2 Referring the following table, choose the rounding method (A) and function (B) of the percent key then press  .
- 3 Press  to complete the setting.

#### Operation

- 3 
- 1     
A B
- 



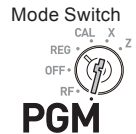
# Useful features

Selections		
Roundings of percent calculations.		
Round off (1.544=1.54; 1.545=1.55)	<b>0</b>	A
Cut off (1.544=1.54; 1.545=1.54)	<b>1</b>	
Round up (1.544=1.55; 1.545=1.55)	<b>2</b>	
Discount calculation (%-).	<b>0</b>	B
Premium calculation (%+).	<b>1</b>	
Assigning the percent key as manual tax key	<b>2</b>	

The default settings: **0 0**

## ■ To change the settings on departments


You can program several settings such as restricting entry digits, prohibiting multiple item registration, etc. on each department.




## Sample Operation

Selections			
Dept.1	<b>0</b> Normal Dept. (A)	<b>4</b> Maximum entry digits 4 (B)	<b>1</b> Single item sales Dept. (C)
Dept.2	<b>1</b> Minus Dept. (A)	<b>5</b> Maximum entry digits 5 (B)	<b>0</b> Normal sales Dept. (C)

### NOTE

- **Minus Dept. is a department that entered unit prices are registered as minus price and is used for bottle return etc.**
- **Single item sales Dept. registers one item quickly just by pressing a Dept. key once and you don't need to press  key.**

### Step

**1** Press **3**  to set the register in the setting mode.

**2** Enter your selection **A**, **B**, and **C** referring the following tables then press a Dept. key.

The example on the right is setting Dept. 1 as Normal Dept. (A) limiting 4 digits (B), and Single item sales Dept. (C).

### Operation

**3** 


**0 4 1 + 1**  
A B C

Continues to the next page. ➔

# Useful features

## Step










**3** The example on the right is setting Dept. 2 as Minus Dept. **(A)** limiting 5 digits **(B)**, and Normal sales Dept. **(C)**.

**4** Press  to complete the settings.

## Operation

     
**A B C**



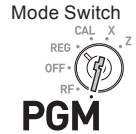
Selections		
Normal Dept.		<b>A</b>
Minus Dept.		
No limitation for manual price entry		<b>B</b>
Maximum digit of manual price entry (up to 7 digits)	 ~ 	
Prohibit manual price entry	 or 	
Normal sales Dept		<b>C</b>
Single item Dept		

The default settings:   

# Useful features


## ■ To set general controls

This program sets the general controls of the cash register such as allowing partial cash payment, resetting consecutive number after the Reset report (Z report) etc.



### Step

### Operation

**1** Press **3**  to set the register in the setting mode.

**3** 

**2** “0622” is the program code for general controls and is necessary to input before setting actual programming.

**0 6 2 2** 


**3** Each digit of **A** to **D** corresponds to the settings of tables **A** to **D** described below. See the following description for the setting of “0022”.

**0 0 2 2**   
**A B C D**

**4** Press  to complete the settings.



**0** **A** ... Always “0”.

**0** **B** ... Not allowing minus subtotal value after using  key and reset the consecutive number after Z report.


**2** **C** ... Allowing split check tendering but not allowing split cash tendering, and not showing seconds on the display.

**2** **D** ... Cashier has to enter her or his ID number before registrations, and **00** key is not used as 000 key.

*Continues to the next page. ➔*

# Useful features

Selections		
Always "0"	<b>0</b>	<b>A</b>

Selections		
Reset the consecutive number to zero after Z report.		
Allow minus subtotal after using  key.		
<b>No</b>	Yes	<b>0</b>
	No	<b>2</b>
<b>Yes</b>	Yes	<b>4</b>
	No	<b>6</b>

**B**

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

**C**

Selections		
Use the <b>00</b> key as a 000 key.		
Cashier assignment systems (sign on) is used.		
<b>No</b>	No	<b>0</b>
	Yes	<b>1</b>
<b>Yes</b>	No	<b>2</b>
	Yes	<b>3</b>

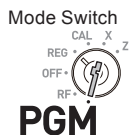
**D**









The default setting of **ABCD** is; **0 0 0 0**

# Useful features

## ■ To set print controls

This setting programs printing methods collectively such as printing time on receipts, or skipping item print on the journal etc.



Step	Operation
<b>1</b> Press <b>3</b>  . The register becomes ready for programming.	<b>3</b> 
<b>2</b> Enter “0522” then press  . “0522” is the program code for setting printing controls.	<b>0</b> <b>5</b> <b>2</b> <b>2</b> 
<b>3</b> Referring the tables shown below, select your choice and enter the setting code and press  key.	<b>5</b> <b>0</b> <b>0</b> <b>6</b>  <b>A</b> <b>B</b> <b>C</b> <b>D</b>
<b>4</b> Press  to complete the settings.	
<b>5</b> <b>A</b> ... Prints the total amount and prints on receipts.	
<b>0</b> <b>B</b> ... Not compressed journal print.	
<b>0</b> <b>C</b> ... Prints time on the receipt or journal.	
<b>6</b> <b>D</b> ... Skips item printing on the journal, prints subtotal and consecutive numbers on receipts or journals.	

Continues to the next page. ➔

# Useful features

Selections			
Use the printer to print receipts = R			
Use the printer to print a journal = J			
Print "TOTAL" line on receipts or journals			
No	J	0	A
	R	1	
Yes	J	4	
	R	5	

Selections			
Compressed journal print			
No		0	B
Yes		1	

Selections			
Print the time on the receipt or journal.			
Yes		0	C
No		4	

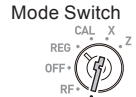
Selections				
Print the consecutive number on the receipt and journal.				
Print the subtotal on the receipt and journal when the Subtotal Key is pressed.				
Skip item print on journal.				
No	No	Yes	0	D
		No	1	
	Yes	Yes	2	
		No	3	
Yes	No	Yes	4	
		No	5	
	Yes	Yes	6	
		No	7	

The default setting of ABCD is: 0 0 0 0

# Useful features

## ■ To set X and Z reports print controls

This program sets the printing methods of X and Z reports.



**PGM**

### Step

### Operation

**1** Press **3** . The register becomes ready for programming.

**3**

**2** Enter "0822" then press . "0822" is the program code for setting printing controls for X and Z reports.

**0 8 2 2**

**3** Referring the following tables, select your choice and enter the setting code and press

**0 2** **A B**

key.

**4** Press to complete the setting.

- 0 A** ... Prints number of refunded transactions and refunded amount on X and Z reports, and prints Flash report in X mode.
- 2 B** ... Does not print the grand sales total on Z report and does not print the data that the transaction is not made .

Selections			
Print number of refund operation and refunded amount			
Print Flash report in X mode or display only.			
Yes	Yes	<b>0</b>	A
	No	<b>1</b>	
No	Yes	<b>4</b>	
	No	<b>5</b>	

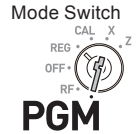
Selections			
Print zero-total line on the X and Z reports			
Print the grand sales total on the Z reports.			
Yes	No	<b>0</b>	B
	Yes	<b>1</b>	
No	No	<b>2</b>	
	Yes	<b>3</b>	

The default setting of **AB** is; **0 0**

# Useful features

## ■ To set PLU unit price





Other than departments, you can preset unit prices by using PLU (Price Look Up) feature. You can call the preset unit price by inputting a PLU number. Your cash register is able to store up to 999 PLUs.



### Sample Operation

PLU Number	1	2
Unit Price	\$1.00	\$3.00

#### Step

- 1 Press **1**  to set the register in the program mode.
- 2 Enter a number you wish to use as a PLU number then press the PLU key.
- 3 Enter the unit price you wish to preset then press .
- 4 Enter the next PLU number then press PLU key.
- 5 Input the unit price and press  key. Repeat the steps 4 and 5 for other PLUs.
- 6 Press  key to complete the settings.

#### Operation

- 1 
- 1 
- 1 0 0 
- 2 
- 3 0 0 
- 

#### Further operations:

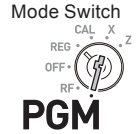
- “To link PLUs to departments” on page E-41.
- “To use PLU” on page E-59.



# Useful features

## ■ To link PLUs to departments

PLUs are also categorized in departments. For example, categorizing PLU number 111 (apples) in department 01 (Fruits). Registered PLU items are categorized in assigned departments and printed on X or Z reports.



### Sample Operation

PLU Number	1	100
Dept.	1	7

#### Step

- Press **3** . The register becomes ready for programming.
- Enter PLU number, , Dept. number, then .
- The operation on the right links the PLU 100 to Dept. 7.
- Press to complete the settings.

#### Operation

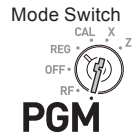
- 
- 
- 
- 
- 
- 
- 

#### NOTE

- You can link up to 999 PLUs to 24 departments.
- If you assign Dept. 0 or Depts. over 25, the PLU number is linked to Dept. 24.
- If unit price is not preset in the PLU, an error occurs.

## ■ To set tax tables and rounding system

The cash register is able to set four kinds of tax tables and you can set tax rates, rounding, and add-in or add-on tax systems on each table. These tables can be applied to departments, percent key and minus key. Therefore, you have to set the conditions of the tables first.



#### NOTE




- If you wish to set flat tax rate, please use this program.

### Sample Operation

For settings 7.0000 % in tax table 1, rounding up, and add-on tax.

# Useful features

## Step

- 1** Press **3** . The register becomes ready for programming.
- 2** Enter tax table number. See the following table for the four tables. The example on the right is for the tax table 1.
- 3** Enter the tax rate in the range of 0.0001 to 99.9999 %. Then press  key. The example on the right is for setting 7.0%.
- 4** Enter the rounding system codes (B), (C) (always "0"), and add-in or add-on tax code (D).
- 5** Press  to complete the program.

## Operation

**3** 

**0 1 2 5**   
( **A** )

**7** **.** **0** 

**9 0 0 2**   
( **B** ) **C** **D**



Taxable status number	
Tax table 1	<b>0 1 2 5</b>
Tax table 2	<b>0 2 2 5</b>
Tax table 3	<b>0 3 2 5</b>
Tax table 4	<b>0 4 2 5</b>

**A**

Rounding system	
Cut off to 2 decimal places.	<b>0 0</b>
Round off to 2 decimal places.	<b>5 0</b>
Round up to 2 decimal places.	<b>9 0</b>

**B**

Taxable status number	
Always "0"	<b>0</b> <b>C</b>

Add-in/Add-on	
No specifications	<b>0</b>
Add-on rate tax.	<b>2</b>
Add-in rate tax (VAT).	<b>3</b>

**D**

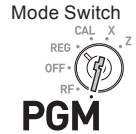
### NOTE

Please see "To change taxable statuses of departments" on page E-14, "To change taxable status of the percent key" on page E-43, and "To change taxable status number of the minus key" on page E-44 for changing tax statuses on Dept. percent, and minus keys.

# Useful features

## ■ To change taxable status of the percent key

Initially, the percent key is set as taxable status 1. You can change the status by the following operations.



### Sample Operation

Setting the percent key as taxable status 1.

#### Step

- 1** Press **1**  then press  key to set the register in tax program mode.
- 2** Referring the following table, press corresponding  key and then  key. The example on the right is for setting the percent key as taxable status 1.
- 3** Press  to complete the settings.

#### Operation



**A**

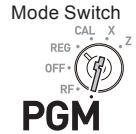


Taxable status selections		
Taxable status 1	<input type="button" value="RA / T/S1"/>	<b>A</b>
Taxable status 2	<input type="button" value="PO / T/S2"/>	
Taxable status 1 and 2	<input type="button" value="RA / T/S1"/> <input type="button" value="PO / T/S2"/>	
Taxable status 3	<input type="button" value="X / FOR DATE TIME"/>	
Taxable status 4	<input type="button" value="CH"/>	
All taxable	<input type="button" value="RA / T/S1"/> <input type="button" value="PO / T/S2"/> <input type="button" value="X / FOR DATE TIME"/> <input type="button" value="CH"/>	
Non-taxable	<input type="button" value="CHK / NS"/>	

# Useful features

## ■ To change taxable status number of the minus key






Initially, the minus key is set as non-taxable. You can change the status by the following operations.



### Sample Operation

Setting the percent key as taxable status 1.

#### Step












- 1** Press **1**  then press  key to set the register in tax program mode.
- 2** Referring the following table, press corresponding  key and then press  key. The example on the right is for setting the minus key as taxable status 1
- 3** Press  to complete the settings.

#### Operation



**A**

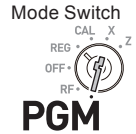


Taxable status selections		
Taxable status 1		<b>A</b>
Taxable status 2		
Taxable status 1 and 2	 	
Taxable status 3		
Taxable status 4		
All taxable	   	
Non-taxable		

# Useful features

## ■ To set tax status print

This program sets whether to print tax symbols and taxable amounts or not.



### Sample Operation

Setting print tax status symbols, taxable amount, and add-in tax amount.

#### Step

- Press **3** SUB TOTAL to set the register in the program mode.
- Enter "0326" then press SUB TOTAL. "0326" is the program code for setting tax print program.
- Referring the tables **A**, **B**, **C** and **D** shown below, choose your selection for printing methods of taxes. After then press = CA / AMT / TEND.
- Press SUB TOTAL to complete the settings.

#### Operation

- 3** SUB TOTAL
- 0 3 2 6** SUB TOTAL
- 0 0 0 2** = CA / AMT / TEND  
**A B C D**  
 (A and C should be always "0")
- SUB TOTAL

Selections		
Always "0"	<b>0</b>	<b>A</b>

Selections		
Print Tax status symbols.	<b>0</b>	<b>B</b>
Not printing tax status symbols	<b>2</b>	

Selections		
Always "0"	<b>0</b>	<b>C</b>

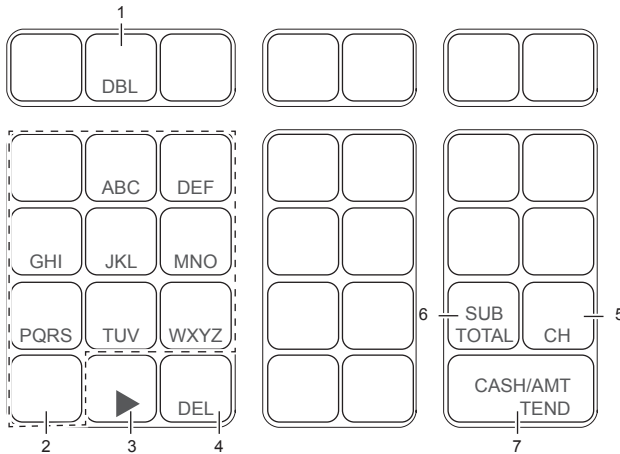
Selections			
Print taxable amount.			
Print taxable amount and tax amount for Add-in tax items.			
<b>No</b>	Yes	<b>0</b>	<b>D</b>
	No	<b>1</b>	
<b>Yes</b>	Yes	<b>2</b>	
	No	<b>3</b>	

The default setting of **ABCD** is: **0 0 0 0**

# Useful features

## ■ Character keyboard

Using the keyboard, you can program a message on the receipt.

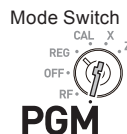


- 1 Double size key**  
Use this key to specify the next character to be a double sized character. Press this key before a character you wish to be double sized.
- 2 Alphabet keys**  
Use these keys to input characters. Refer to the next page to set characters.
- 3 Right arrow key**  
Use this key to set a character that the next character uses the same key. This key is also used for inputting a space.
- 4 Delete key**  
Use this key to delete preceding character.
- 5 Receipt message number key ( **CH** key).**  
Use this key to program receipt messages.
- 6 Program end key ( **SUB TOTAL** key)**  
Use this key to terminate character programming.
- 7 Character program key ( **CASH/AMT TEND** key)**  
Use this key to set characters.

# Useful features

## ■ To program receipt messages

By default, your cash register is programmed following receipt message.



Line No.	Message
1	
2	YOUR RECEIPT
3	THANK YOU
4	CALL AGAIN
5	

### Sample Operation

To add "CASIO SHOP" in the fifth line.

#### Step

#### Operation

**1** Press **2** to set the register in the character setting mode.

**2**

**2** Enter the line number first then press . In this example, we are adding a message in the fifth line.

**5**

**3** Enter characters as described on the next page then press .

If you continue to set characters in another line, repeat the steps 2 and 3.

**8** **8** **8** **8** **1** **1** **1** **1** **4** **4** **4**   
 ( C ) ( A ) ( S ) ( I )   
**6** **6** **6** **1** **1** **1** **1** **4** **4** **6** **6** **6** **1**   
 ( O ) (Space) ( S ) ( H ) ( O ) (P)

**4** Press to complete the settings.




# Useful features

## Printout

---

```
YOUR RECEIPT  
THANK YOU  
CALL AGAIN  
CASIO SHOP
```

### **NOTE**

- When the next character uses the same key, press  key.
- For a space, press  key twice.
- You can set a message up to five lines.
- For a double width character, use  key.
- In the above example, “CASIO SHOP” will be printed as left justified. To print it in the center, insert spaces first.



# Useful features

## ▪ Character table

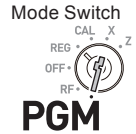
By pressing a character setting key, characters shift as shown in the following table. When the next character uses the same key, press ► key to determine the setting.

<b>8</b>	(1) A → (2) B → (3) C → (4) a → (5) b → (6) c → (7) 8 → (8) Ä → (9) Å → (10) Æ → (11) Á → (12) Â → (13) Ã → (14) Ç → (15) â → (16) ä → (17) à → (18) å → (19) æ → (20) á → (21) â → (22) ã → (23) Ç returns to the beginning
<b>9</b>	(1) D → (2) E → (3) F → (4) d → (5) e → (6) f → (7) 9 → (8) ð → (9) É → (10) Ê → (11) Ë → (12) Ì → (13) Ï → (14) é → (15) ê → (16) ë → (17) ì → (18) í returns to the beginning
<b>4</b>	(1) G → (2) H → (3) I → (4) g → (5) h → (6) i → (7) 4 → (8) Í → (9) Î → (10) Ï → (11) I → (12) Ì → (13) Ï → (14) Î → (15) Ì → (16) Í → (17) Í returns to the beginning
<b>5</b>	(1) J → (2) K → (3) L → (4) j → (5) k → (6) l → (7) 5 returns to the beginning
<b>6</b>	(1) M → (2) N → (3) O → (4) m → (5) n → (6) o → (7) 6 → (8) Ñ → (9) Ö → (10) Ø → (11) Ó → (12) Ô → (13) Õ → (14) Ñ → (15) Ò → (16) Ö → (17) Ø → (18) Ó → (19) Ø → (20) Ó → (21) Õ → returns to the beginning
<b>1</b>	(1) P → (2) Q → (3) R → (4) S → (5) p → (6) q → (7) r → (8) s → (9) 1 → (10) Þ → (11) ß → (12) ß returns to the beginning
<b>2</b>	(1) T → (2) U → (3) V → (4) t → (5) u → (6) v → (7) 2 → (8) TEL → (9) Ü → (10) Ú → (11) Û → (12) Ü → (13) Ú → (14) Û → (15) Ü → (16) Ú → (17) μ returns to the beginning
<b>3</b>	(1) W → (2) X → (3) Y → (4) Z → (5) w → (6) x → (7) y → (8) z → (9) 3 → (10) Ÿ → (11) ŷ → (12) Ÿ returns to the beginning
<b>0</b>	(1) O returns to the beginning
<b>7</b>	(1) 7 → (2) @ → (3) - → (4) / → (5) : → (6) ! → (7) ? → (8) ~ → (9) ( → (10) ) → (11) * → (12) # → (13) + → (14) , → (15) ^ → (16) ; → (17) < → (18) = → (19) > → (20) \$ → (21) ¥ → (22) % → (23) & → (24) [ → (25) ] → (26) ' → (27) { → (28)   → (29) } → (30) • → (31) “ → (32) . → (33) \ → (34) _ → (35) ` → (36) € → (37) × → (38) ¨ → (39) ¡ → (40) € → (41) \$ → (42) space returns to the beginning

# Useful features


## ■ To read preset data other than PLU data

You can check the preset data other than PLU.



### Step

### Operation

**1** Press . The printer prints preset data except PLU settings.



### Printout

DEPT01	T 1	@ 1. 00	Dept. No./Tax Status/Unit Price
		0000	Tax Status/Normal Dept./Digit
DEPT02		@ 10. 00	Limit/Single Item
		0000	
DEPT20		@ 5. 00	
		0000	
-			Minus/Tax Status
%- ( 12. 34% )*			Percent Rate/%+ or %-
		0000	Tax Status/Percent Key Controls
0122		0022	Date order/Add Mode Control (fixed)
0522		1020	Print Controls
0622		0000	General Controls
0822		0000	Report Control
1022		0000	Calculation Controls
0326		0002	Tax Control

# Useful features


## Printout

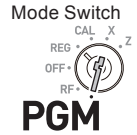
---

0125	0 %	Tax Table 1
	0001	
	0001	
	10	
	30	
	54	
	73	
	110	
0225	5.25 %	Tax Table 2
	5002	
	0000	Rounding Specifications/Tax System Specifications
	01	
	02	
YOUR RECEIPT	03	Receipt message
THANK YOU	04	
CALL AGAIN	05	

# Useful features

## ■ To read preset PLU data

You can read all the preset PLU data. To stop the printing, press  key twice.



### Step

### Operation

1 Press  .

1  .

The printer prints preset PLU settings.

### Printout

PLU0001	@1.00	PLU Name/Unit Price
#0001	0000	
PLU0002	@2.00	
#0002	0002	PLU No./Linked Dept.
PLU0003	@3.00	
#0003	0000	
PLU0004	@4.00	
#0004	0000	
PLU0199	@1,999.00	
#0199	0000	
PLU0999	@1,200.00	
#0999	0000	

# Useful features

## Various operations

### ■ To register items with preset unit price set in a department

When unit prices are preset in departments, you can register items quickly. Please see “To set a unit price in a department key” on page E-31 to preset unit prices on departments.

#### Sample Operation

Preset Unit Price	\$1.00	\$2.20	\$11.00
Quantity	1	2	4
Dept.	1	2	3
Tendered Amount	\$50.00		

Mode Switch



#### Step

#### Operation

- 1 Press the Dept. key once if purchased quantity is one.
- 2 Press the Dept. key repeatedly for the number of purchased quantity.
- 3 When you use the multiplication key, enter the quantity first.
- 4 Pressing key shows the total purchase amount on the display.
- 5 Enter the tendered amount. The change amount will be displayed. Then press key to complete the transaction.



Continues to the next page. ➔

# Useful features


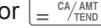
## Printout

---

01-21-2013		12:50	
REG		0018	
DEPT01		\$1.00	
DEPT02	T1	\$2.20	
DEPT02	T1	\$2.20	Repeat
	4 X	@11.00	Multiplication/Unit Price
DEPT03		\$44.00	
TA1		\$4.40	
TAX1		\$0.18	
TOTAL		<b>\$49.58</b>	
CASH		\$50.00	Cash Amount Tendered
CHANGE		\$0.42	Change

# Useful features

## ■ To register single item sales




Single item sales is useful to sell one item quickly. You just press a Dept. key and you don't have to press  or  keys. The Dept. key must be programmed to allow single item sales. See "To change the settings on departments" on page E-33 for the programming.

### Sample Operation

Unit price	\$0.50
Quantity	1
Dept.	3 ( Programmed as allowing single item sales)

#### Step

#### Operation

**1** Enter the unit price then press the Dept. key.   

### Printout

01-21-2013	13:00	
REG	0019	
DEPT03	\$0.50	
CASH	<b>\$0.50</b>	Cash Sales

Mode Switch



# Useful features

## ■ To transact by check

If a customer pays by check, use **CHK** instead of **= CA/AMT /TEND** key.

Mode Switch



## Sample Operation

Unit price	\$35.00
Quantity	2
Dept.	4

### Step

### Operation

- 1 Register two pieces of \$35.00 item in Dept. 4 **3 5 0 0** **÷ 4** **÷ 4**
- 2 Press **SUB TOTAL** key. The display indicates the total amount. **SUB TOTAL**
- 3 Press **CHK/NS** key instead of **= CA/AMT /TEND**. **CHK/NS**

## Printout

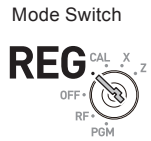
01-21-2013	13:20	
REG	0021	
DEPT04	\$35.00	
DEPT04	\$35.00	
CHECK	\$70.00	— Check Sales



# Useful features

## ■ To change the tax status in REG mode

You can change taxable status of a Dept. key during a transaction. The example shown below is changing non-taxable status to taxable status 1 on Dept. 1.




### Sample Operation


Unit Price	\$1.00	\$2.00
Quantity	1	1
Dept.	1	2
Programmed taxable status	Non-taxable	Taxable status 1
Changing taxable status to	Taxable status 1	No change

### Step

### Operation

**1** Assign taxable status 1 by  key and enter the unit price then press the Dept. key. In this example Dept. 1 is assigned as taxable 1.

 **1 0 0** 

**2** Register the other item and press  key.


**2 0 0**  

### Printout

01-21-2013		13:30
REG		0022
DEPT01	T1	\$1.00
DEPT02	T1	\$2.00
TA1		\$3.00
TAX1		\$0.12
CA		<b>\$3.12</b>

# Useful features

## ■ To input tax amount manually

Instead of set rate, you can enter a tax amount manually if  key is programmed as Manual Tax key. See “To set a rounding calculation method and discount/premium settings on the percent key” on page E-32 for the setting.

Mode Switch



## Sample Operation


Unit Price	\$1.00	\$2.00	Dept. 1 is programmed as non-taxable but changing to add \$0.10 tax temporarily.
Quantity	1	1	
Dept.	1	2	

### Step

### Operation

**1** A \$1.00 item is registered in Dept. 1 as non-taxable.

**1 0 0 + 1**

**2** Enter the tax amount then press  key.

**1 0 **

**3** A \$2.00 item is registered in Dept. 2 with 10% tax added.

**2 0 0 - 2**

**4** Finalize the transaction.

**= CA/AMT / TEND**

## Printout

01-21-2013	13:40	
REG	0023	
DEPT01	\$1.00	
TAX	\$0.10	Manual Tax amount
DEPT02	T1	\$2.00
TA1	\$2.00	
TAX1	\$0.08	
CASH	<b>\$3.18</b>	

# Useful features

## ■ To use PLU

By using PLUs, you can register up to 999 items with preset prices and linked departments. To program PLU items, see “To set PLU unit price” on page E-40 and “To link PLUs to departments” on page E-41.

Mode Switch



## Sample Operation

PLU No.	1	2
Programmed unit price	\$1.00	\$2.00
Quantity	2	4

### Step

### Operation

- Enter the item's PLU number then press key repeatedly for the quantity of the item.
- If you wish to use the multiplication key, enter the quantity then press .
- Enter the item's PLU number then press .
- Finalize the transaction by key.

### NOTE

Although departments are not printed on the receipt or journal, PLU items are registered in the linked departments.

## Printout

01-21-2013	13:50	
REG	0024	
PLU0001	\$1.00	
PLU0001	\$1.00	Repeated
4 X	@2.00	Multiplication
PLU0002	\$8.00	Price
CASH	\$10.00	Cash Amount Tendered

# Useful features

## ■ To sell single item using PLU

If a PLU item is linked to a department which is programmed as single item department, you can register the item just inputting the PLU number. Please note that this operation is effective only when you sell one PLU item. To program a department as single-item sales, see "To change the settings on departments" on page E-33.

Mode Switch



### Sample Operation

PLU No.	3	In this example, PLU No. 3 is linked to a department programmed as single-sales dept.
Unit Price	\$1.00	
Quantity	1	

### Step

### Operation

**1** Enter the PLU number then press **PLU**.

**3** **PLU**

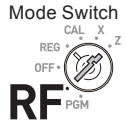
### Printout

01-21-2013	14:00	
REG	0025	
PLU0003	T1	\$1.00
TA1		\$1.00
TAX1		\$0.04
CASH		<b>\$ 1.04</b>

— Taxable Amount

— Tax

# Useful features



## ■ To refund

If a customer requests to return goods, use the refund function. The register subtracts the refunded amount automatically. After the refund transaction, please do not forget to turn the mode switch to **REG** mode.

### Sample Operation

Unit price of refunded item.	\$1.00	\$2.00
Refunded quantity	1	1
Depts. of refunded item	2	3

### Step

### Operation

**1** Turn the Mode switch to **RF** position.

**2** Enter unit prices and Dept. keys of the refunded items.



**3** Press **SUB TOTAL** key. The display indicates refunded amount.



**4** Press **CA/AMT / TEND** key and pay the customer back the refunded amount.



### Printout

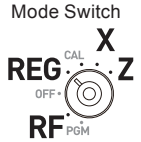
Refund Mode Symbol

01-21-2013	14:30
RF	0028
DEPT02	T 1 \$1.00
DEPT03	\$2.00
TA1	\$1.00
TAX1	\$0.04
CASH	\$3.04

# Useful features


## ■ To assign a cashier

If cashier assignment system is programmed, you can obtain sales data of each cashier on X or Z reports. Up to eight cashiers can be assigned. When the mode switch is turned **OFF**, the assigned cashier's ID number will be cleared. See "To set general controls" on page E-35 for programming cashier assignment system.




### Step

### Operation

**1** In any Mode switch other than **PGM**, **CAL** or **OFF**, sign on by entering cashier's ID number then press .

**1** ~ **8** 

**2** Perform regular operations.

**3** When the cashier signs off, enter "0" then press .




**0** 

# Useful features

## Other operations

### ■ To display date and time

#### Operation

- 1 By pressing  key, the display shows the present time.
- 2 Pressing  key again shows date.
- 3 Press  to return to normal register mode.

#### Display






Mode Switch



### ■ To adjust time

#### Operation

- 1 In the PGM mode, press .
- 2 Input present time in 24-hour system. This example is setting 1:58 PM.  

- 3 Press  to end the setting.

#### Display

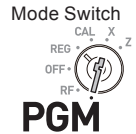


Mode Switch



# Useful features

## ■ To adjust date



### Operation

### Display

**1** In the **PGM** mode, press **1** .



**2** Input date in order of month, day, and year. This example is setting on January 21st, 2013.

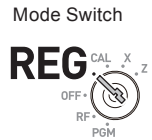


**3** Press to end the setting.



## ■ To pay out from the drawer

Paid out cash from the drawer is registered and subtracted from total cash amount in drawer.



### Step

### Operation

**1** Enter withdrawn cash amount then press key.



### Printout

01-21-2013	17:30
REG	0128
P0	\$10.00



# Useful features

## ■ To receive cash on account

When you receive cash without any sales transaction, use this feature. The received amount is added to the memory of total cash amount in the drawer.

### Step

**1** Enter received amount then press  key.

### Operation

**6 0 0** 

Mode Switch



### Printout


01-21-2013	17:35
REG	0129
RA	\$6.00

— Received on account amount

## ■ To register a reference number

As a note, you can add up to eight digits reference number on a transaction.

### Step

- 1** Register item(s) in a corresponding department.
- 2** Prior to the finalization, enter a reference number then press  key.
- 3** Complete the transaction.

### Operation

**5 0** 

**1 2 3 4 5 6 7 8** 



Mode Switch



### Printout

01-21-2013	17:45
REG	0130
DEPT01	\$0.50
#	12345678
CASH	\$0.50

— Reference Number

# Useful features

## ■ To reduce amount from subtotal

You can reduce a certain amount from the total amount. The following example is for reducing \$0.50 from the total amount.

Mode Switch



### Step

### Operation

**1** Register sold items by entering unit prices and Dept. keys. The example on the right is registering \$1.00 in Dept. 2 and \$2.00 in Dept. 4.



**2** Press . The display indicates the total amount.



**3** Enter reduced amount then press key. \$0.50 will be reduced from the total amount.



**4** Finalize the transaction.





### Printout

01-21-2013		17:55
REG		0131
DEPT02	T1	\$1.00
DEPT04		\$2.00
TL		\$3.04
-		-0.50
TA1		\$1.00
TAX1		\$0.04
CA		\$2.54

See "To set print controls" on page E-37 to print subtotal  
Reduced amount

# Useful features





## ■ To give discount or premium

You can give discount or premium to items or to subtotal. The following example is giving 2.5% discount to \$1.00 item and 7% discount to subtotal amount. In this example, minus 2.5% is programmed on  key. On the contrary, if  key is programmed as percent plus, premium will be added. To program percent plus or minus, please see “To set a rounding calculation method and discount/premium settings on the percent key” on page E-32.

### Sample Operation

Unit price	\$1.00 (2.5% discount)	\$2.00	\$3.00
Quantity	1	1	1
Dept.	2		
Discount amount	\$0.03		
Subtotal	\$5.97		
7% discount to subtotal	\$5.55		

### Step

- 1 Enter the unit price \$1.00 then press Dept. key.
- 2 Press  key. In this example, minus 2.5% is programmed to  and 2.5% is discounted from the \$1.00 item.
- 3 Register other items.
- 4 Press  key. The display indicates the discounted subtotal.
- 5 Enter discount rate manually then press  key. In this example, 7% discount is reduced from the subtotal amount.
- 6 Finalize the transaction.

### Operation

**1 0 0 - 2**



**2 0 0 - 2**

**3 0 0 - 2**



**7** 



Mode Switch



Continues to the next page. ➔


# Useful features

## Printout

---

### Discount

DEPT02	T1	\$1.00	
%- (2.5%)		-0.03	Discount rate and amount
DEPT02	T1	\$2.00	
DEPT02	T1	\$3.00	
ST		\$5.97	Discounted subtotal
%- (7%)	T1	-0.42	Discount to subtotal
TA1		\$5.55	Total amount excluding tax
TAX1		\$0.22	
CASH		<b>\$5.77</b>	

If  key is programmed as percent plus, the printout will be:

### Premium

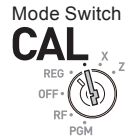
DEPT02	T1	\$1.00	
%+ (2.5%)	T1	\$0.03	Premium amount
DEPT02	T1	\$2.00	
DEPT02	T1	\$3.00	
ST		\$6.03	Premiumed subtotal
%+ (7%)	T1	\$0.42	Added on subtotal
TA1		\$6.45	
TAX1		\$0.26	
CASH		<b>\$6.71</b>	Total amount including tax

# Useful features

## Calculator mode

### ■ To use the register as a calculator

In the **CAL** mode, you can use the register as a calculator.



### Sample Operation

No.	Calculation	Answer
1	5+3-2 =	6
2	(23-56) x 7 =	-231
3	12% of 1500	180

#### Operation

1 5 +<sub>1</sub> 3 -<sub>2</sub> 2 = CA/AMT/TEND

2 2 3 -<sub>2</sub> 5 6 x<sub>3</sub> 7 = CA/AMT/TEND

3 1 5 0 0 x<sub>3</sub> 1 2 %/CLK# = CA/AMT/TEND

#### Display

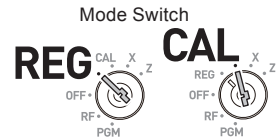
6.

-231.

180.

### ■ To calculate during registrations

While registering in **REG** mode, you can switch it to **CAL** mode to perform calculations. After the calculation, you can resume the registration by switching the mode switch to **REG** position. To recall a memory, **PLU** key is used. The following example is for splitting \$48.00 by three customers.







### Sample Operation

Unit price	\$14.00	\$18.00	\$16.00	Splitting the total amount \$48.00 by three customers.
Quantity	1	1	1	
Dept.	3	5	4	
Total	\$48.00			
Payment of each customer	\$16.00			

# Useful features

## Step

- 1** In REG mode, register the purchased items then press  key.
- 2** Turn the Mode switch to **CAL** position.
- 3** Recall the total amount by  key then perform the calculation. In this example, divide by three.
- 4** Turn the Mode switch to **REG** position.
- 5** Pressing  key recalls the payment for each customer then press . The display shows the remaining payment.
- 6** Repeat the Step 5 two more times.

## Operation







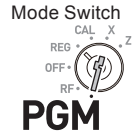

## Printout

DEPT03	\$ 14.00
DEPT05	\$ 18.00
DEPT04	\$ 16.00
TOTAL	\$ 48.00
CASH	\$ 16.00
CASH	\$ 16.00
CASH	\$ 16.00
CHANGE	\$ 0.00

# Useful features

## ■ To set calculator functions

This program sets functions in **CAL** mode such as opening drawer when  $\left[ \begin{smallmatrix} \text{CA/AMT} \\ \text{/TEND} \end{smallmatrix} \right]$  key is pressed, or print number of calculations on X or Z report etc.



### Step

### Operation

- 1** Enter **3** then press  $\left[ \begin{smallmatrix} \text{SUB} \\ \text{TOTAL} \end{smallmatrix} \right]$  key to set the register in the program mode.
- 2** Enter “1022” then press  $\left[ \begin{smallmatrix} \text{SUB} \\ \text{TOTAL} \end{smallmatrix} \right]$ . “1022” is the program code for calculator settings.
- 3** Choose a function number from the table shown below. Enter the number then press  $\left[ \begin{smallmatrix} \text{CA/AMT} \\ \text{/TEND} \end{smallmatrix} \right]$  key.
- 4** Press  $\left[ \begin{smallmatrix} \text{SUB} \\ \text{TOTAL} \end{smallmatrix} \right]$  key to complete the program.

**3**  $\left[ \begin{smallmatrix} \text{SUB} \\ \text{TOTAL} \end{smallmatrix} \right]$

**1 0 2 2**  $\left[ \begin{smallmatrix} \text{SUB} \\ \text{TOTAL} \end{smallmatrix} \right]$

**1**  $\left[ \begin{smallmatrix} \text{CA/AMT} \\ \text{/TEND} \end{smallmatrix} \right]$

**(A)**



$\left[ \begin{smallmatrix} \text{SUB} \\ \text{TOTAL} \end{smallmatrix} \right]$

		Selections		
Open drawer whenever $\left[ \begin{smallmatrix} \text{CA/AMT} \\ \text{/TEND} \end{smallmatrix} \right]$ is pressed.				<b>A</b>
Open drawer whenever $\left[ \begin{smallmatrix} \text{CHK} \\ \text{/RS} \end{smallmatrix} \right]$ is pressed.				
Print number of calculations on X or Z reports				
<b>Yes</b>	<b>No</b>	<b>No</b>	<b>0</b>	
		<b>Yes</b>	<b>1</b>	
	<b>Yes</b>	<b>No</b>	<b>2</b>	
		<b>Yes</b>	<b>3</b>	
<b>No</b>	<b>No</b>	<b>No</b>	<b>4</b>	
		<b>Yes</b>	<b>5</b>	
	<b>Yes</b>	<b>No</b>	<b>6</b>	
		<b>Yes</b>	<b>7</b>	

# Useful features

## When you consider it as a problem

### ■ Troubleshooting

Symptom/Problem	Most common causes	Solutions
E01 appears on the display.	Changing modes without completing transaction.	Return mode switch to where it stops buzzing and press  .
E08 appears on the display.	Sign on operation is not performed.	Prior to starting registration of any other operation, press <b>1</b> ~ <b>8</b> and then  .
E10 appears on the display.	Printer error	Turn the register off then remove the paper and turn it on.
No date on receipt. Paper does not feed enough.	Printer is programmed as a journal.	Program printer to print receipts.
Drawer opens after ringing once.	Department is programmed as a single item dept.	Program the dept. as a normal dept.
Not clearing totals at end of day after taking report.	Using X mode to print reports.	Use Z mode to print reports.
Programming is lost whenever register is unplugged or at power failure.	Poor or no batteries.	Put in new batteries and program again.
Register does not work at all. Can't get money out of drawer.	No power.	Pull lever underneath the drawer.



# Useful features

## ■ In case of power failure

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

Power failure during a registration

- The subtotal for items registered up to the power failure is retained in memory. You will be able to continue with the registration when power is restored.

Power failure during printing a read/reset report

- The data already printed before the power failure is retained in memory. You will be able to issue a report when power is recovered.

Power failure during printing of a receipt and the journal.

- Printing will resume after power is recovered. A line that was being printed when the power failure occurred will be printed in full.
- The power failure symbol is printed and any item that was being printed when the power failure occurred is reprinted in full.

## ■ When the L sign appears on the display

**About the low battery indicator...**

The following shows the low battery indicator.



If this indicator appears when you switch the cash register on, it can mean one of three things:

- No memory backup batteries are loaded in the cash register.
- The power of the batteries loaded in the unit is below a certain level.
- The batteries loaded in the unit are dead.

To clear this sign, press  key.

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

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

# Useful features

## Specifications

INPUT METHOD	
Entry	10-key system; Buffer memory 8 keys (2-key roll over)
Display (LCD)	Amount 8 digits (zero suppression); Department/PLU No.; No. of repeats; Total/ Change
PRINTER	
Receipt	24 characters
(or Journal)	Automatic paper roll winding (journal)
Paper roll	58 mm × 80 mm Ø (Max.)
CALCULATIONS	Entry 8 digits; Registration 7 digits; Total 8 digits
CALCULATOR FUNCTION	8 digits; Arithmetic calculations; Percent calculations
Memory protection batteries	The effective service life of the memory protection batteries 2 (UM-3, or R6P (SUM-3) type batteries) is approximately one year from installation into the machine.
Power source/Power consumption	See the rating plate.
Operating temperature	32°F to 104°F (0°C to 40°C)
Humidity	10 to 90%
Dimensions	7 3/32"(H)×12 27/32"(W)×13 9/16"(D) (167 mm(H)×326 mm(W)×345 mm(D))
Weight	7.7 lbs/3.5kg

Specifications and design are subject to change without notice.

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