140CR
Electronic Cash Register

User's Manual

START-UP is QUICK and EASY!
Simple to use!
20 departments and 120 PLUs
Automatic Tax Calculations
Calculator function

CASIO COMPUTER CO., LTD.
6-2, Hon-machi 1-chome
Shibuya-ku, Tokyo 151-8543, Japan
Thank you very much for purchasing this CASIO electronic cash register.
START-UP is QUICK and EASY!

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

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

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

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

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

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

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

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

About the icons

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

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

Icon examples

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

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

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

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

⚠️ Warning!

Handling the register

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

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

🚫 Should you drop the register and damage it, immediately shut down the power and unplug the AC plug from the power outlet. Continued use creates the danger of short circuit, fire and electric shock.
- Attempting to repair the register yourself is extremely dangerous. Contact CASIO service representative.

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

Power plug and AC outlet

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

⚠️ Make sure the power plug is inserted as far as it will go. Loose plugs create the danger of electric shock, overheating, and fire.
- Do not use the register if the plug is damaged. Never connect to a power outlet that is loose.
INTRODUCTION

⚠️ Warning!

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

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

⚠️ Caution!

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

Do not place the register in the following areas.
• Areas where the register will be subject to large amounts of humidity or dust, or directly exposed to hot or cold air.
• Areas exposed to direct sunlight, in a close motor vehicle, or any other area subject to very high temperatures.

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

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

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

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

At least once a year, unplug the power plug and use a dry cloth or vacuum cleaner to clear dust from the area around the prongs of the power plug.
Never use detergent to clean the power cord, especially power plug.

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

Printer cover
Operator display
Mode switch
Keyboard
Drawer

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

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

Weld lines
Lines may be visible on the exterior of the product. These are “weld lines” that result from the plastic molding process. They are not cracks or scratches.
Getting to know your cash register

Mode Switch

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

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

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

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

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

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

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

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

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

Display

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

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

③ Number of Repeat Display
Anytime you perform “repeat registration” (page 13), the number of repeats appears here. Note that only one digit is displayed for the number of repeats.

④ Numeric Display
Entered values (unit prices or quantities) and calculated values (subtotals, totals or change amount due) are displayed here. The capacity of the display is 8 digits. This part of the display can be used to show the current time or date between registrations (page 33).
Keyboard

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

**Register Mode**

1. **Feed key**
2. **Multiplication/ Date Time key**
3. **Clear key**
4. **Minus/ Error Correction key**
5. **PLU (Price Look Up) key**
6. **Percent/Cashier ID No. Assignment key**
7. **Tax Program key**
8. **Received on Account key**
9. **Paid Out key**
10. **Reference Number/Department Shift key**
11. **Check/No Sale key**
12. **Subtotal key**
13. **Charge key**
14. **Cash Amount Tendered key**
15. **0, 1, ~, 9, 00**
16. **Decimal key**
17. **1, 2, 3, 4, 5**

Department keys

- Department 6 through 20 are specified by pressing the \textit{\textcircled{\%}} key respectively as follows:
  \[
  \textcircled{\%}_6 \quad \text{to} \quad \textcircled{\%}_5 \quad \text{to} \quad \rightarrow \text{Department 6 ~ 10}
  \textcircled{\%}_6 \quad \text{to} \quad \textcircled{\%}_5 \quad \text{to} \quad \rightarrow \text{Department 11 ~ 15}
  \textcircled{\%}_6 \quad \text{to} \quad \text{to} \quad \rightarrow \text{Department 16 ~ 20}
  \]

**Calculator Mode**

3. **AC key**
6. **\textcircled{\%} key**
8. **Memory Recall key**
11. **Drawer Open key**
14. **= key**
15. **0, 1, ~, 9, 00**
16. **Decimal key**
17. **+, -, \times, \div**

Numeric keys and 2-zero key

Arithmetic Operation key
Daily Job Flow

Before Opening The Store
1. Plugged in? Page-10
2. Enough Roll Paper? Page-10
3. Date and Time is correct? Page-33
4. Enough small change in the drawer? Page-34

While The Store Is Open
1. Registrations. Page-13 ~
2. Issuing latest daily sales total if needed.
   (Generating report by Mode Switch to X position.) Page-17

After Closing The Store
1. Issuing Daily Sales Total.
   (Resetting report by Mode Switch to Z position,) Page-17
2. Picking up money in the drawer. Page-34
3. Turn the Mode Switch to OFF.

Other
1. Troubleshooting Page-38
1. Initialization / Loading Memory Protection Battery

**Important**
You must initialize the Cash register.

To initialize the cash register
1. Set the Mode Switch to OFF.
2. Load the memory protection batteries.
3. Plug the power cord of the cash register into an AC outlet.
4. Set the Mode Switch to REG.

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

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

REPLACE MEMORY PROTECTION BATTERIES AT LEAST ONCE EVERY YEAR.
2. Loading Paper Roll And Replacing The Printer’s Ink Roll

1. To load journal paper
   ① Remove the printer cover by lifting up the back.
   ② Put a roll of journal paper into the holder.
   ③ Cut the leading end of the roll paper with scissors and insert the paper into the inlet.
   ④ Press the FEED key until 20 or 30 cm of paper is fed from the printer.
   ⑤ Roll the paper onto the take-up reel a few turns.
   ⑥ Set the left plate of the take-up reel and place the reel into the register.
   ⑦ Press the FEED key to take up any slack in the paper.
   ⑧ Replace the printer cover by placing the cover’s front tab into the register’s groove.

2. To remove journal paper
   ① Remove the printer cover following the instructions above.
   ② Press the FEED key until approximately 20 cm of paper is fed from the printer.
   ③ Cut off the roll paper.
   ④ Remove the take-up reel from the printer and take off the left plate of the reel.
   ⑤ Remove the journal paper from the take-up reel.
   ⑥ Cut off the paper left in the printer and press the FEED key until the remaining paper is fed out from the printer.
   ⑦ Remove the core of the paper.

Default printer setting is for Journal.
To print receipts, please refer to 1-7-3 on page 24 to switch the printer for Receipt or Journal.

To load receipt paper
   ① To use the printer to print receipts, follow steps 1 through 4 of “To load journal paper”.
   ② Pass the leading end of the receipt paper through the printer cover’s paper outlet and replace the printer cover.
   ③ Tear off any excess paper.

Options:
- Roll paper – P-5860
- Ink Roll – IR-40
## 3. Basic Programming for QUICK START

<table>
<thead>
<tr>
<th>Procedure</th>
<th>Purpose</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1.</strong> Turn the mode switch to PGM position.</td>
<td>Programming</td>
</tr>
<tr>
<td><strong>2.</strong> When the display shows blinking &quot;0&quot;, such as [\text{00-00-00}], enter current date in Day, Month, Year order.</td>
<td>Setting the current date</td>
</tr>
<tr>
<td>Example: 8, January, 2010: enter [\text{080110}].</td>
<td>Setting the current date</td>
</tr>
<tr>
<td>• Enter 6-digit, last 2 digits for year set. (2010 → 10)</td>
<td>Setting the current date</td>
</tr>
<tr>
<td>• If you have changed the date order (page-12), enter date of that order.</td>
<td>Setting the current date</td>
</tr>
<tr>
<td>• By pressing [\text{[c/c]}], this procedure returns one by one.</td>
<td>Setting the current date</td>
</tr>
<tr>
<td><strong>3.</strong> When the display shows blinking “0&quot;, such as [\text{00-00}], enter current time in Hour, Minute order.</td>
<td>Setting the current time</td>
</tr>
<tr>
<td>Example: 1:18 PM, enter [\text{1318}].</td>
<td>Setting the current time</td>
</tr>
<tr>
<td>• Enter 4-digit, use 24-hour system.</td>
<td>Setting the current time</td>
</tr>
<tr>
<td>• By pressing [\text{[c/c]}], this procedure returns one by one.</td>
<td>Setting the current time</td>
</tr>
<tr>
<td>• If you want to adjust the date/ time, please refer to page 33 of this manual.</td>
<td>Setting the current time</td>
</tr>
<tr>
<td><strong>4.</strong> Input the desired add-in tax rate to the appropriate department key.</td>
<td>Setting the tax rates</td>
</tr>
<tr>
<td>(This procedure below programs add-in tax rate only. If you want to set add-on tax or tax with special rounding, refer to page 26 of this manual.)</td>
<td>Setting the tax rates</td>
</tr>
<tr>
<td>A) Press the [\text{TAX \text{PGM}}] key.</td>
<td>Setting the tax rates</td>
</tr>
<tr>
<td>B) Enter tax rate. (Example: For 6% enter “6”, 5.75% enter “5.75”).</td>
<td>Setting the tax rates</td>
</tr>
<tr>
<td>C) Press the appropriate department key.</td>
<td>Setting the tax rates</td>
</tr>
<tr>
<td>D) Repeat step B) and C) to set other department key.</td>
<td>Setting the tax rates</td>
</tr>
<tr>
<td>E) Press the [\text{[SUB TOTAL]}] key to end tax programming.</td>
<td>Setting the tax rates</td>
</tr>
<tr>
<td>Note: In case of setting the wrong tax rate to the key, please enter [\text{0}] and press those department keys above, and quit this procedure by pressing [\text{[SUB TOTAL]}] key, and start from the beginning of this procedure.</td>
<td>Setting the tax rates</td>
</tr>
</tbody>
</table>

### Example:
Set add-in tax 8% to department 2, 3, 15% to department 4 key.

- \[\text{TAX \text{PGM}}\] Start tax program.
- \[\text{8 - 2}\] Enter tax rate and press dept key.
- \[\text{8 - 3}\] Enter tax rate and press dept key.
- \[\text{1 - 5 - 4}\] Enter tax rate and press dept key.
- \[\text{[SUB TOTAL]}\] To end the setting.
### Part-1 QUICK START OPERATION

#### Procedure

<table>
<thead>
<tr>
<th>Procedure</th>
<th>Purpose</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>5.</strong> To select the date format and monetary mode (if necessary)</td>
<td>Select date format and monetary mode</td>
</tr>
<tr>
<td>You can select the date format and monetary mode after initialization depending on the requirements in your area. Default date format is Day/ Month/ Year and default monetary mode is add 2.</td>
<td></td>
</tr>
</tbody>
</table>

**Date Format Selections**

<table>
<thead>
<tr>
<th>Selection</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Day/ Month/ Year</td>
<td>0</td>
</tr>
<tr>
<td>Month/ Day/ Year</td>
<td>1</td>
</tr>
<tr>
<td>Day/ Month/ Year</td>
<td>2</td>
</tr>
</tbody>
</table>

**Monetary Mode Selections**

<table>
<thead>
<tr>
<th>Selection</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Add 0 (0.)</td>
<td>0</td>
</tr>
<tr>
<td>Add 1 (0.0)</td>
<td>1</td>
</tr>
<tr>
<td>Add 2 (0.00)</td>
<td>2</td>
</tr>
</tbody>
</table>

P3 appears in mode display

Select number from list **A**
Select number from list **B**

(To end the setting)

**6.** In case of accepting two (the Euro and the local) currencies.

**6-1.** Press the following keys to define the main currency/print out currency of the subtotal.

(To end the setting)

**Euro status**

<table>
<thead>
<tr>
<th>Status</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Main currency = Local, Print out subtotal = Local:</td>
<td>0</td>
</tr>
<tr>
<td>Main currency = Euro, Print out subtotal = Euro:</td>
<td>1</td>
</tr>
<tr>
<td>Main currency = Local, Print out subtotal = Both:</td>
<td>2</td>
</tr>
<tr>
<td>Main currency = Euro, Print out subtotal = Both:</td>
<td>3</td>
</tr>
</tbody>
</table>

**6-2.** Press the following keys to set the currency exchange rate against the Euro.

(To end the setting)

**Example:** Exchange rate and decimal position

Currency exchange rate = 1 Euro in local currency

1 Euro = 1.95583 DM:

3

**7.** In case of becoming to accept the Euro only.

**7-1.** You can restrict the registable currency to the Euro only by the following procedure.

1. Turn the mode switch to Z position.
2. Issue all reset report including periodic data.
3. Press the following keys to set.

(To end the setting)

<table>
<thead>
<tr>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>01072002</td>
</tr>
</tbody>
</table>

If you want to cancel this operation, press instead of.

**Restricting the Currency to the Euro**

**For Australia only.**

You can set some programmable options to suit the Australian GST by the following procedure.

1. Turn the mode switch to Z position.
2. Press the following keys to program.

(To end the setting)

<table>
<thead>
<tr>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>01012001</td>
</tr>
</tbody>
</table>

If you want to cancel this operation, press instead of.

**Setting the Australian GST**
4. Basic Operation after Basic Programming

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

### 4-1 Open the drawer without a sale

#### Operation

```
CHK NS
```

**Printout**

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

---

### 4-2 Basic operation

**Example**

<table>
<thead>
<tr>
<th>Unit Price</th>
<th>$1.00</th>
<th>$2.00</th>
<th>$0.30</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quantity</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Dept.</td>
<td>1</td>
<td>10</td>
<td>15</td>
</tr>
<tr>
<td>Cash Amount tendered</td>
<td>$5.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **Unit Price**
- **Department**
- **Subtotal**
- **Cash Amount Tendered**
- **Change Amount Due**

### 4-3 Multiple registration of the same items

**Example**

<table>
<thead>
<tr>
<th>Unit Price</th>
<th>$1.00</th>
<th>$1.35</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quantity</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>Dept.</td>
<td>1</td>
<td>2</td>
</tr>
</tbody>
</table>

#### Operation

```
1 0 0 .1 1 3 5
```

**Printout**

```
01••••1•00
10••••2•00
15••••0•30
  •3•30 ST
  •5•00 CR
  •1•70 CR
```

- **Unit Price**
- **Department**
- **Repeat**
- **Sales Quantity**
- **Unit Price**

**Note:**
Repeat registration can be used with unit prices up to 6 digits long.

### 4-4 Charge sales

**Example**

<table>
<thead>
<tr>
<th>Unit Price</th>
<th>$1.00</th>
<th>$2.00</th>
<th>$3.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quantity</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Dept.</td>
<td>1</td>
<td>2</td>
<td>1</td>
</tr>
</tbody>
</table>

#### Operation

```
1 0 0 .1 2 3 0 .1
```

**Printout**

```
01••••1•00
02••••2•00
01••••3•00
  •6•00 CH
```

- **Unit Price**
- **Department**
- **Charge Sales**

**You cannot perform the amount tendered operation using the CH key.**
Part-1 QUICK START OPERATION

4-5 Split cash/charge sales

Example

<table>
<thead>
<tr>
<th>Unit Price</th>
<th>$2.00</th>
<th>$3.00</th>
<th>$4.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quantity</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Dept.</td>
<td>1</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>Cash Amount tendered</td>
<td>$5.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Operation</th>
<th>Printout</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 0 0</td>
<td>01 • • • 2•00</td>
</tr>
<tr>
<td>3 0 0</td>
<td>02 • • • 3•00</td>
</tr>
<tr>
<td>4 0 0</td>
<td>03 • • • 4•00</td>
</tr>
<tr>
<td>5 0 0</td>
<td>04 • • • 5•00</td>
</tr>
<tr>
<td></td>
<td>05 • • • 4•00 CH</td>
</tr>
<tr>
<td></td>
<td>Cash Amount Tendered</td>
</tr>
<tr>
<td></td>
<td>Charge Sales</td>
</tr>
</tbody>
</table>

4-6 Corrections

4-6-1 Before you press a department key

Example

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

<table>
<thead>
<tr>
<th>Operation</th>
<th>Printout</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 0 0</td>
<td>01 • • • 1•00</td>
</tr>
<tr>
<td>1 0 0</td>
<td>02 • • • 0•00</td>
</tr>
<tr>
<td>1 0 0</td>
<td>03 • • • 0•00 CH</td>
</tr>
</tbody>
</table>

2. Entered unit price first instead of quantity and then pressed $\times$.

<table>
<thead>
<tr>
<th>Operation</th>
<th>Printout</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 0 0 $\times$</td>
<td>05 • • • 2•00</td>
</tr>
<tr>
<td>5 $\times$</td>
<td>02 • • • 0•00</td>
</tr>
<tr>
<td>2 0 0 $\times$</td>
<td>03 • • • 10•00</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Operation</th>
<th>Printout</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 0 $\times$</td>
<td>10 • • • 1•05</td>
</tr>
<tr>
<td>1 5 0 $\times$</td>
<td>03 • • • 10•50</td>
</tr>
</tbody>
</table>

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

$\text{AC}$ key clears the last item entered.
Part-1 QUICK START OPERATION

4-6-2 After you pressed a department key

Example

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

\[ \begin{align*}
\text{Operation} & \quad \text{Printout} \\
15 & \quad 01 \cdot \cdot \cdot 5\cdot 50 \\
\mathbf{G} & \quad -5\cdot 50 \quad \mathbf{V} \\
550 & \quad 01 \cdot \cdot \cdot 5\cdot 05 \\
\mathbf{G} & \quad \mathbf{G} \\
\text{Correct entry} & \quad \text{Registered Department 1}
\end{align*} \]

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

\[ \begin{align*}
\text{Operation} & \quad \text{Printout} \\
\mathbf{G} & \quad 01 \cdot \cdot \cdot 5\cdot 05 \\
\text{Correct entry} & \quad \text{Registered Department 2}
\end{align*} \]

\[ \begin{align*}
\text{Operation} & \quad \text{Printout} \\
\text{Wrong entry} & \quad \text{Wrong entry} \\
\text{Cancels the last item registered.} & \quad \text{Cancels the last item registered.} \\
\text{Correct entry} & \quad \text{Correct entry}
\end{align*} \]
4-7-1 Registering with currency exchange

Example

<table>
<thead>
<tr>
<th>Unit Price</th>
<th>£2.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quantity</td>
<td>3</td>
</tr>
<tr>
<td>Dept. 1</td>
<td>1</td>
</tr>
<tr>
<td>Cash Amount tendered</td>
<td>10.00 Euro</td>
</tr>
<tr>
<td>Rate</td>
<td>1 Euro = £ 0.8</td>
</tr>
<tr>
<td>Main currency</td>
<td>Local (£)</td>
</tr>
<tr>
<td>Printout of ST</td>
<td>Both currencies</td>
</tr>
</tbody>
</table>

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

```
200 PO
```

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

```
1000E PO
```

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

```
200
```

You can switch the currency of change amount repeatedly by pressing the [CA/ART] key.

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

*2 If the payment is less than the subtotal amount, the cash register specifies it as a partial payment and shows the balance in the main currency on the display.
5. Daily Management Report
This section tells you the procedures to use to produce reports of the transaction data stored in the cash register's memory.

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

### 5-1 Financial Report

**Operation**
- **Mode Switch**
  - **X**
  - **REG**
  - **CAL**
  - **Z**

**Printout**
- **Date**: 08-01-10
- **Time/Consecutive No.**: 12-35#0085
- **Read Symbol**: X
- **Gross Sales No. of items**: 158 *
- **Gross Sales Amount**: 16676
- **Net Sales No. of Customers**: 46
- **Net Sales Amount**: 99
- **Cash Total in Drawer**: 92
- **Charge Total in Drawer**: 00
- **Check Total in Drawer**: 00

**Printout**
- **Date**: 08-01-10
- **Time/Consecutive No.**: 19-35#0086
- **Read Symbol**: Z
- **Gross Sales No. of Items**: 0001
- **Gross Sales Amount**: 16676
- **Net Sales No. of Items**: 0001
- **Net Sales Amount**: 99
- **Cash Total in Drawer**: 75
- **Charge Total in Drawer**: 00
- **Check Total in Drawer**: 158 *

### 5-2 General Control Read/Reset Report

#### 5-2-1 Daily Read/Reset Report

**Operation**
- **Mode Switch**
  - **X** (Read)

**Printout**
- **Clerk No./Date**: 08-01-10
- **Time/Consecutive No.**: 19-35#0086
- **Non-resettable No. of Resets**
- **RESET Symbol**: Z
- **Dept. No./No. of Items**: 0001
- **Amount**: 16676
- **Gross Sales No. of Items**: 158 *
- **Gross Sales Amount**: 16676

**Operation**
- **Mode Switch**
  - **REG**
  - **CAL**
  - **Z**

**Printout**
- **Clerk No./Date**: 01-00
- **Time/Consecutive No.**: 000100
- **Non-resettable No. of Resets**
- **RESET Symbol**: Z
- **Dept. No./No. of Items**: 0001
- **Amount**: 16676
- **Gross Sales No. of Items**: 158 *
- **Gross Sales Amount**: 16676

---

17
Part-1 QUICK START OPERATION

5-2-2 Periodic Read/Reset Report

Mode Switch to \( \text{Z} \) or \( \text{X} \)

Operation

Printout

\[ \begin{array}{c}
08-01-10 \\
19-50\#0087 \\
\#10\#\ldots\ldots \\
77 \\times \\
\bullet 1116\cdot90 \times \\
\bullet 1116\cdot90
\end{array} \]

- Date
- Time/Consecutive No.
- Periodic Read Symbol
- Gross Sales No. of Items
- Gross Sales Amount
- Net Sales No. of Customers
- Net Sales Amount

\( \times \) (Read) report is the same except \(^1\) and \(^2\).
CONVENIENT OPERATION

1. Various Programming

1-1 Unit price for Departments

Example

<table>
<thead>
<tr>
<th>Unit Price</th>
<th>Dept.</th>
</tr>
</thead>
<tbody>
<tr>
<td>$1.00</td>
<td>1</td>
</tr>
<tr>
<td>$2.20</td>
<td>2</td>
</tr>
<tr>
<td>$11.00</td>
<td>3</td>
</tr>
</tbody>
</table>

1  SUB TOTAL  
P appears in mode display

1 0 0 1  
(For Dept. 1)

2 2 0 2  
(For Dept. 2)

1 1 0 3  
(For Dept. 3)

• Unit prices within the range of 0.01~9999.99.

1-2 Rate for percent key

Example

Discount Rate 2.5%

1  SUB TOTAL  
P appears in mode display

2  5  
(To end the setting)

• The rate within the range of 00.01 to 99.99%.

1-3 To change tax status for Departments

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

Example

<table>
<thead>
<tr>
<th>Status</th>
<th>Taxable 1</th>
<th>Taxable 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Depts.</td>
<td>1</td>
<td>7</td>
</tr>
</tbody>
</table>

1  SUB TOTAL  
P appears in mode display

Select key from list A For Dept. 1

RA → 1

Taxable status 2 For Dept. 7

PO → 2

(To end the setting)

Selections

Taxable status 1  
Taxable status 2  
Taxable status 3  
Taxable status 4  
Non-taxable status
1-4 Status for Department

<table>
<thead>
<tr>
<th>Depts.</th>
<th>Selections</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0 4 1</td>
</tr>
<tr>
<td>2</td>
<td>0 5 1</td>
</tr>
</tbody>
</table>

Example

Select a number from list A
Select a number from list B
Normal department
Maximum No. of digits to be 5

P3 appears in mode display
For Dept. 1

Select a number from list C
Single item sale department

(To end the setting)

1-5 Status for percent key

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

The percent key is initialized as Non-taxable.

Example

Change Percent key registration as a Taxable status 1.

Select key from list A (For percent key)

(To end the setting)

<table>
<thead>
<tr>
<th>Selections</th>
</tr>
</thead>
<tbody>
<tr>
<td>Taxable status 1</td>
</tr>
<tr>
<td>Taxable status 2</td>
</tr>
<tr>
<td>Taxable status 3</td>
</tr>
<tr>
<td>Taxable status 4</td>
</tr>
<tr>
<td>All taxable status (1, 2, 3 and 4)</td>
</tr>
<tr>
<td>Non-taxable status</td>
</tr>
</tbody>
</table>
1-5-2 Status for percent key

Example

<table>
<thead>
<tr>
<th>Round</th>
<th>Up</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>%+</td>
</tr>
</tbody>
</table>

P3 appears in mode display

Select a number from list A
Select a number from list B

(To end the setting)

### Selections

Rounding of results produced by Percent Key operation:

- Round off (1.544=1.54; 1.545=1.55) 0
- Round up (1.544=1.55; 1.545=1.55) 1
- Cut off (1.544=1.54; 1.545=1.54) 2

Program Percent Key to register discounts (%–).
Program Percent Key to register premiums (%+).

1-6 Taxable Status for minus key

The minus key is initialized as Non-taxable.

P appears in mode display

Select key from list A
Minus key

(To end the setting)

### Selections

- Taxable status 1
- Taxable status 2
- Taxable status 3
- Taxable status 4
- All taxable status (1, 2, 3 and 4)
- Non-taxable status
Part-2  CONVENIENT OPERATION

1-7 General features

1-7-1 To set general controls

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

Limit the last 1 digit of total amount to 0 and 5 when Malaysian rounding is specified for subtotal and total amount.

<table>
<thead>
<tr>
<th>Time display format:</th>
<th>Selections</th>
</tr>
</thead>
<tbody>
<tr>
<td>HH-MM</td>
<td>No 0</td>
</tr>
<tr>
<td></td>
<td>Yes 1</td>
</tr>
<tr>
<td>HH-MM SS</td>
<td>No 4</td>
</tr>
<tr>
<td></td>
<td>Yes 5</td>
</tr>
</tbody>
</table>

Maintain key buffer during receipt issue in REG mode.
Reset the transaction number to zero whenever a General Control Reset Report is issued.
Allow credit balance registration.

<table>
<thead>
<tr>
<th>Selections</th>
</tr>
</thead>
<tbody>
<tr>
<td>No 0</td>
</tr>
<tr>
<td>Yes 1</td>
</tr>
<tr>
<td>No 2</td>
</tr>
<tr>
<td>Yes 3</td>
</tr>
</tbody>
</table>

Limit the last 2 digits of cash amount tendered to 00 and 50 when Denmark rounding is specified for subtotal and total amount.
Allow partial cash amount tendered.
Allow partial check amount tendered.

<table>
<thead>
<tr>
<th>Selections</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes 0</td>
</tr>
<tr>
<td>Yes 1</td>
</tr>
<tr>
<td>No 2</td>
</tr>
<tr>
<td>Yes 3</td>
</tr>
<tr>
<td>No 4</td>
</tr>
<tr>
<td>Yes 5</td>
</tr>
<tr>
<td>No 6</td>
</tr>
<tr>
<td>Yes 7</td>
</tr>
</tbody>
</table>

Use the 00 key as a 000 key.
Cashier assignment systems (sign on) is used.

<table>
<thead>
<tr>
<th>Selections</th>
</tr>
</thead>
<tbody>
<tr>
<td>No 0</td>
</tr>
<tr>
<td>Yes 1</td>
</tr>
<tr>
<td>No 2</td>
</tr>
<tr>
<td>Yes 3</td>
</tr>
</tbody>
</table>
1-7-2 To set printing controls

3

P3 appears in mode display

0 5 2 2

Program code No.

0 0 0 0

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

(To end the setting)

Selections

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

Selections

Print RF switch mode refund count/ amount on the General Control Read/ Reset Reports.
Print the grand sales total on the General Control Reset Reports.
Print the time on the receipt and journal.

Selections

Print zero-total line on the General Control Read/Reset Reports
Print Total line at finalization (only for Australia).

Selections

Print the consecutive number on the receipt/journal.
Print the subtotal on the receipt/ journal when the Subtotal Key is pressed.
Skip item print on journal.
1-7-3 Printer switch for Receipt or Journal

The printer is initialized as journal.

Example
To print a receipt

![Diagram]

P appears in mode display

Select a number from list A

(To end the setting)

<table>
<thead>
<tr>
<th>Selections</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Use the printer to print a journal.</td>
<td>0</td>
</tr>
<tr>
<td>Use the printer to print receipts.</td>
<td>1</td>
</tr>
</tbody>
</table>

*Printer selection to print a journal or receipts can also be set on procedures 1-7-2 “To set printing controls”.*
1-8 PLU setting

1-8-1 Linkage with Departments

Example

<table>
<thead>
<tr>
<th>PLU No.</th>
<th>Link dept. No.</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>20</td>
<td></td>
</tr>
</tbody>
</table>

P3 appears in mode display

1 PLU 1

PLU No. Select number from list A

1 0 0 PLU

PLU No. Dept. No. to be linked

4

(Sub Total)

(To end the setting)

Selections

Linked to dept. 20.  0 A
Linked deps. 1~20 respectively. 1 2 0

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

1-8-2 Unit Prices for PLUs

Example

<table>
<thead>
<tr>
<th>PLU No.</th>
<th>Unit Price</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>$1.00</td>
<td>$3.00</td>
</tr>
</tbody>
</table>

P appears in mode display

1 PLU

PLU No. Unit Price

1 0 0

(Unit Price)

2 PLU

PLU No. Unit Price

3 0 0

(Unit Price)

(Sub Total)

(To end the setting)

• Unit prices within the range of $0.01~999.99.
1-9 Setting the Tax Rate and rounding

**Part-2 CONVENIENT OPERATION**

### Setting the Tax Rate

1. **P3** appears in mode display.

2. **Program set code No. for tax rate 1**

   - **Enter tax rate A**
   - **Select numbers from list B**
   - **Select number from list C**
   - (To end the setting)

**Tax rate specifications**

- The tax rate within the range of 0.0001 ~ 99.9999%. Use "" key for decimal point.

**Normal rounding specifications**

- Cut off to 2 decimal places.
  - (1.544=1.54; 1.545=1.54)
  - 0 0

- Round off to 2 decimal places.
  - (1.544=1.54; 1.545=1.55)
  - 5 0

- Round up to 2 decimal places.
  - (1.544=1.55; 1.545=1.55)
  - 9 0

**Special rounding specifications for subtotal and total amounts**

- No specifications
  - 0

- Special rounding 1: 0 ~ 2 → 0; 3 ~ 7 → 5; 8 ~ 9 → 10
  - Examples: 1.21=1.20; 1.26=1.25; 1.28=1.30
  - 1

- Special rounding 2: 0 ~ 4 → 0; 5 ~ 9 → 10
  - Examples: 1.123=1.120; 1.525=1.530
  - 2

- Danish rounding: 0 ~ 24 → 0; 25 ~ 74 → 50; 75 ~ 100 → 100
  - (set the amount tender restriction on page 22 also)
  - Examples: 1.11=1.00; 1.39=1.50; 1.99=2.00
  - 3

- Malaysian rounding: 0 ~ 2 → 0; 3 ~ 7 → 5; 8 ~ 9 → 10
  - (set the amount tender restriction on page 22 also)
  - Examples: 1.21=1.20; 1.26=1.25; 1.28=1.30
  - 5

- Scandinavian rounding:
  - 0 ~ 24 → 0; 25 ~ 74 → 50; 75 ~ 99 → 100
  - Examples: 1.21=1.0; 1.30=1.50; 1.87=2.00
  - 6

- Australian rounding (only for tax rate 1):
  - 0 ~ 2 → 0; 3 ~ 7 → 5; 8 ~ 9 → 10
  - Examples: 1.21=1.20; 1.26=1.25; 1.28=1.30
  - 7

- Czech rounding: 0 ~ 49 → 00; 50 ~ 99 → 100
  - Examples: 1.23=1.00; 1.52=2.00
  - 8

**Normal rounding specifications**

- No specifications
  - 0

- Specifies add-on rate tax
  - 2

- Specifies add-in rate tax (VAT)
  - 3

See page 19 (department key), 20 (percent key), 21 (minus key) to change the fixed tax status.

*1: In case of defining Danish rounding, the Euro should be set to the sub currency and the local to the main currency.
1-10 To control Tax Status printing

**Part-2 CONVENIENT OPERATION**

![Mode Switch: REG, CAL X, Z, OFF, RF, PGM]

**3**

P3 appears in mode display

<table>
<thead>
<tr>
<th>0</th>
<th>3</th>
<th>2</th>
<th>6</th>
</tr>
</thead>
</table>

Program set code No.

Select number from list A

Always “0”

Select number from list B

(To end the setting)

---

### Selections

**Print tax total line (only for Australia).**

<table>
<thead>
<tr>
<th></th>
<th>A1</th>
<th>A2</th>
<th>A3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>0</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>No</td>
<td>2</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

**Print tax symbol.**

<table>
<thead>
<tr>
<th></th>
<th>A1</th>
<th>A2</th>
<th>A3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>0</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>No</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Print taxable amount.**

<table>
<thead>
<tr>
<th></th>
<th>B1</th>
<th>B2</th>
<th>B3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>0</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>No</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
</tbody>
</table>

**Print taxable amount and tax amount for Add-in.**

<table>
<thead>
<tr>
<th></th>
<th>B1</th>
<th>B2</th>
<th>B3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>No</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
</tbody>
</table>
Part-2  CONVENIENT OPERATION

1-11 Printing to read
All Preset Data

• Printing preset data.

1-11-1 Printing preset
data except PLU
settings

<table>
<thead>
<tr>
<th>Operation</th>
<th>Printout</th>
</tr>
</thead>
<tbody>
<tr>
<td>08-01-10</td>
<td>Date</td>
</tr>
<tr>
<td>08-06#0038</td>
<td>Time/Consecutive No.</td>
</tr>
<tr>
<td>01••••1•00</td>
<td>Read Symbol</td>
</tr>
<tr>
<td>01-041</td>
<td>Dept No./Unit Price</td>
</tr>
<tr>
<td>02••••2•20</td>
<td>Tax Status/Normal Dept/</td>
</tr>
<tr>
<td>02-051</td>
<td>Digit Limit/Single Item</td>
</tr>
<tr>
<td>04•••••00</td>
<td>Minus/Tax Status</td>
</tr>
<tr>
<td>0122•••#22</td>
<td>Percent Rate/%+ or %-</td>
</tr>
<tr>
<td>0222•#0000</td>
<td>Tax Status/Percent Key Control</td>
</tr>
<tr>
<td>0522•#0062</td>
<td>Euro Exchange Rate</td>
</tr>
<tr>
<td>0622•#0000</td>
<td>Date/Monetary Mode Control</td>
</tr>
<tr>
<td>1022••••3</td>
<td>Print Control</td>
</tr>
<tr>
<td>0326••#002</td>
<td>General Control</td>
</tr>
<tr>
<td>2422••••#0</td>
<td>Calculation Control</td>
</tr>
<tr>
<td>0125••••</td>
<td>Tax Control</td>
</tr>
<tr>
<td>5•2500 %</td>
<td>Euro Status</td>
</tr>
<tr>
<td>5003</td>
<td>Tax Rate 1</td>
</tr>
<tr>
<td>0000</td>
<td>Rounding specification/</td>
</tr>
<tr>
<td>0225••••10</td>
<td>Tax Rate 2</td>
</tr>
<tr>
<td>0000</td>
<td>Tax System specification</td>
</tr>
<tr>
<td>425••••</td>
<td>Tax Rate 4</td>
</tr>
<tr>
<td>08-01-10</td>
<td>Tax Rate 1</td>
</tr>
</tbody>
</table>

Tax Status

<table>
<thead>
<tr>
<th>Printout</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Non taxable</td>
</tr>
<tr>
<td>01</td>
<td>Taxable 1</td>
</tr>
<tr>
<td>02</td>
<td>Taxable 2</td>
</tr>
<tr>
<td>03</td>
<td>Taxable 3</td>
</tr>
<tr>
<td>04</td>
<td>Taxable 4</td>
</tr>
<tr>
<td>15</td>
<td>All taxable</td>
</tr>
</tbody>
</table>
1-11-2 Printing preset PLU settings

Operation
Printout

<table>
<thead>
<tr>
<th>Date</th>
<th>Time/Consecutive No.</th>
<th>Read symbol</th>
<th>PLU No./Unit Price</th>
<th>Linked department</th>
</tr>
</thead>
<tbody>
<tr>
<td>08-01-10</td>
<td>08-10#0039</td>
<td>X</td>
<td>001•••1•00</td>
<td>01</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>002•••2•20</td>
<td>02</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>003•••3•00</td>
<td>03</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>004•••4•00</td>
<td>04</td>
</tr>
<tr>
<td></td>
<td>100••10•00</td>
<td></td>
<td></td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>08-01-10</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
2. Various Operations

2-1 Registration using preset price for Departments.

(Programming: See page 19)

Example

<table>
<thead>
<tr>
<th>Unit Price</th>
<th>$1.00</th>
<th>$2.20</th>
<th>$11.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quantity</td>
<td>1</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>Depts.</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>Amount tendered</td>
<td>$50.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Example:

<table>
<thead>
<tr>
<th>Operation</th>
<th>Printout</th>
</tr>
</thead>
<tbody>
<tr>
<td>$1.00</td>
<td>Dept. 1 Unit Price</td>
</tr>
<tr>
<td>$2.20</td>
<td>Dept. 2 Unit Price</td>
</tr>
<tr>
<td>$11.00</td>
<td>Repeat</td>
</tr>
<tr>
<td>$1.00</td>
<td>Dept. 3 Unit Price</td>
</tr>
<tr>
<td>$50.00</td>
<td>Cash Amount Tendered</td>
</tr>
<tr>
<td>$0.60</td>
<td>Change</td>
</tr>
</tbody>
</table>

2-2 Single-Item Sales

(Programming: See page 20)

Example 1:

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

Example 2:

Status: Normal
Unit Price: $1.00
Quantity: 1
Dept.: 2

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

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

Single-item sale cannot be finalized if an item is registered previously.
2-3 Check sales

Example

<table>
<thead>
<tr>
<th>Unit Price</th>
<th>$35.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quantity</td>
<td>2</td>
</tr>
<tr>
<td>Depts.</td>
<td>4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Operation</th>
<th>Printout</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 5 0 0</td>
<td>04•••35•00</td>
</tr>
<tr>
<td></td>
<td>04•••35•00</td>
</tr>
<tr>
<td></td>
<td>•70•00</td>
</tr>
<tr>
<td></td>
<td>CK</td>
</tr>
</tbody>
</table>

Check Sales

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

2-4 Split cash/check sales

Example

<table>
<thead>
<tr>
<th>Unit Price</th>
<th>$30.00</th>
<th>$25.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quantity</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Depts.</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>Cash amount tendered</td>
<td>$20.00</td>
<td></td>
</tr>
<tr>
<td>Check</td>
<td>$35.00</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Operation</th>
<th>Printout</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 0 0 0</td>
<td>02•••30•00</td>
</tr>
<tr>
<td>2 5 0 0</td>
<td>03•••25•00</td>
</tr>
<tr>
<td></td>
<td>•55•00</td>
</tr>
<tr>
<td></td>
<td>ST</td>
</tr>
<tr>
<td></td>
<td>•20•00</td>
</tr>
<tr>
<td></td>
<td>CA</td>
</tr>
<tr>
<td></td>
<td>•35•00</td>
</tr>
<tr>
<td></td>
<td>CK</td>
</tr>
</tbody>
</table>

2-5 Refund

Example

<table>
<thead>
<tr>
<th>Unit Price</th>
<th>$1.00</th>
<th>$2.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quantity</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Depts.</td>
<td>2</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Operation</th>
<th>Printout</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 0 0</td>
<td>13-55#0074</td>
</tr>
<tr>
<td>2 0 0</td>
<td>RF</td>
</tr>
<tr>
<td></td>
<td>02•••1•00</td>
</tr>
<tr>
<td></td>
<td>03•••2•00</td>
</tr>
<tr>
<td></td>
<td>•3•00</td>
</tr>
<tr>
<td></td>
<td>CA</td>
</tr>
</tbody>
</table>

Refund Mode Indicator

After you finish RF mode operation, be sure to return the Mode Switch to the REG (register) setting.
2-6 PLU operation

2-6-1 PLU registration

(Programming: See page 25)

<table>
<thead>
<tr>
<th>Operation</th>
<th>Printout</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 PLU</td>
<td>001•••1•00</td>
</tr>
<tr>
<td>2 PLU</td>
<td>002•••8•00</td>
</tr>
<tr>
<td>4 X</td>
<td>•2•00 a</td>
</tr>
</tbody>
</table>

Example

<table>
<thead>
<tr>
<th>PLU No.</th>
<th>Unit Price</th>
<th>Quantity</th>
<th>Depts.</th>
<th>Cash amount tendered</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>$1.00</td>
<td>2</td>
<td>1</td>
<td>$10.00</td>
</tr>
<tr>
<td>2</td>
<td>$2.00</td>
<td>4</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

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

2-6-2 PLU Single-Item Sale

(Programming: See page 25)

<table>
<thead>
<tr>
<th>Operation</th>
<th>Printout</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 PLU</td>
<td>001•••1•00</td>
</tr>
<tr>
<td>1.00 CA</td>
<td></td>
</tr>
</tbody>
</table>

Example

<table>
<thead>
<tr>
<th>PLU No.</th>
<th>Status</th>
<th>Unit Price</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Single item sale</td>
<td>$1.00</td>
<td>1</td>
</tr>
</tbody>
</table>

2-6-3 PLU report

<table>
<thead>
<tr>
<th>Mode Switch</th>
<th>Operation</th>
<th>Printout</th>
</tr>
</thead>
<tbody>
<tr>
<td>REG CAL X Z</td>
<td>0 1 CA / AMT / TND</td>
<td>08-01-10</td>
</tr>
<tr>
<td></td>
<td></td>
<td>18-16#0238</td>
</tr>
<tr>
<td></td>
<td></td>
<td>#01#0001</td>
</tr>
<tr>
<td></td>
<td></td>
<td>001•••12</td>
</tr>
<tr>
<td></td>
<td></td>
<td>12•00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>002•••27</td>
</tr>
<tr>
<td></td>
<td></td>
<td>27•00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mode Switch</th>
<th>Operation</th>
<th>Printout</th>
</tr>
</thead>
<tbody>
<tr>
<td>REG CAL X Z</td>
<td>0 1 CA / AMT / TND</td>
<td>100•••10</td>
</tr>
<tr>
<td></td>
<td></td>
<td>180•00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1284</td>
</tr>
<tr>
<td></td>
<td></td>
<td>10856•89</td>
</tr>
</tbody>
</table>
Part-2 CONVENIENT OPERATION

2-7 Other registrations

2-7-1 Reading the Time and Date

<table>
<thead>
<tr>
<th>Operation</th>
<th>Display</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>13:53</td>
</tr>
<tr>
<td></td>
<td>08-01-10</td>
</tr>
<tr>
<td></td>
<td>00:00</td>
</tr>
</tbody>
</table>

- Flashes per second
- If you have changed the date order (refer to page 9), enter date of that order.

Adjusting the Time

Example
Current time = 13:58

<table>
<thead>
<tr>
<th>Operation</th>
<th>Display</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>P 00:00</td>
</tr>
<tr>
<td>1 3 5 8</td>
<td>13:58:02</td>
</tr>
<tr>
<td></td>
<td>00:00</td>
</tr>
</tbody>
</table>

- Enter current time in 24 hour system.

Adjusting the Date

Example
Current date = 8, January 2010

<table>
<thead>
<tr>
<th>Operation</th>
<th>Display</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>P 00:00</td>
</tr>
<tr>
<td>0 8 0 1 1 0</td>
<td>08-01-10</td>
</tr>
<tr>
<td></td>
<td>00:00</td>
</tr>
</tbody>
</table>

- Enter current date in 6 digits.
- Enter the last 2 digits for year set. (2010 → 10)
2-7-2 Paid out from cash in drawer

Operation: 12345678
Printout: #12345678
Reference Number
08-01-10
01-10
13-57#0060
Paid Out Amount
-0.50
•2.50

2-7-3 Cash received on account

Operation: 6 0 0 RA
Printout: •6.00 RA
Received On Account Amount

2-7-4 Registering identification numbers

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

Operation:
1 2 3 4
5 6 7 8
5 0
Printout:
#12345678
Reference Number or ID No.
08-01-10
01-10
13-59#0062
01••••0.50
•0.50 CA

2-7-5 Reduction on subtotal

Example:
Amount due reduced by $0.50.

Operation:
1 0 0 •1
2 0 0 •4
5 0
Printout:
01••••1.00
04••••2.00
-0.50
•2.50 CA

Mode Switch

REG
CAL X
OFF
RF
PGM
2-7-6 Premium/Discount

- 2.5% premium/discount (programmed to [%] key) applied to first item.
- 7% premium/discount applied to transaction total.
- For programming the [%] key as percent minus or percent plus, see page 21.
- For programming percent rate, see page 20.

2-8 Cashier Assignment
(Programming: See page 22)

Cashier assignment system is used to control each cashier (or clerk) sales total. When you select this function on page 22, you can get 8 cashiers (or clerk) sales data. Cashier assignment must be performed prior to starting registration or any other operation, except Program mode.

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

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

1-1 Calculation examples

<table>
<thead>
<tr>
<th>Operation</th>
<th>Display</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 + 1 = AC c</td>
<td>£ 0.</td>
</tr>
<tr>
<td>(Miss operation)</td>
<td>(Cancel item entered.)</td>
</tr>
</tbody>
</table>

5+3-2=
(23–56)×78=
(4×3–6)+3.5+8=
12% on 1500

1-2 Memory recall

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

On REG mode

<table>
<thead>
<tr>
<th>Operation</th>
<th>Display</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 0 00 + 1 2 0 00 - 2</td>
<td>£ 10.</td>
</tr>
</tbody>
</table>

On CAL mode

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

Recalls the current result by pressing [CA/AMT] key at CAL mode on the display.

On REG mode

Example:
Recall the current result at CAL mode during registration, and register the cash amount due for each person.
1-3 Setting for calculator operation

1. Press the mode switch to the PGM position.
2. Enter the program code number 3.
3. P3 appears in the mode display.

Program Code No. 0

Select a number from list A.

(To end the setting)

<table>
<thead>
<tr>
<th>Selections</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
</tr>
<tr>
<td>No</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>0</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>No</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Open drawer whenever  is pressed. *
- Open drawer whenever  is pressed. *
- Print No. of Equal key operations on General Control X and Z reports.

*Drawer does not open during registration procedures even if you press  or  by turning the mode switch to CAL position.
1. Troubleshooting

<table>
<thead>
<tr>
<th>Symptom/Problem</th>
<th>Most common causes</th>
<th>Solutions</th>
</tr>
</thead>
</table>
| 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 [1 - 3] and then |[
| E94 appears on the display. | Printer paper is jammed. | Remove jammed paper. Turn Mode switch to OFF then turn to ON, or Turn power OFF and then turn power ON. |
| No date on receipt. | Printer is programmed as a journal. | Program printer to print receipts. |
| Drawer opens up after ringing up only one time. | 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 take out reports. | Use Z mode to take out reports. |
| Programming is lost whenever register is unplugged or there is a power outage. | Bad or no batteries. | Put in new batteries. |
| Register is inoperative. Can’t get money out of drawer. | No power. | Pull lever underneath register at rear. |
| E90 appears on the display. | Totals remain in the memory. | Issue the general control reset report, periodic reset report and PLU reset report. |

2. Specifications

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

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

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

**CALCULATOR FUNCTION**
- 8 digits; Arithmetic calculations; Percent calculations

Memory protection batteries:
- The effective service life of the memory protection batteries 3 (UM-3, or R6P (SUM-3) type batteries) is approximately one year from installation into the machine.

Power source/Power consumption: See the rating plate.
- Operating temperature: 0°C to 40°C (32°F to 104°F)
- Humidity: 10 to 90%
- Dimensions/Weight: 188 mm(H) × 330 mm(W) × 360 mm(D) with S drawer
  - 4 kg with S drawer
  - 205 mm(H) × 410 mm(W) × 450 mm(D) with M drawer
  - 8 kg with M drawer

*Specifications and design are subject to change without notice.*
When the cash drawer does not open!

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

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

To replace the ink roll

1. Turn to the OFF mode and remove the printer cover.
2. Lift up the tab on the ink roll marked “PULL UP”.
3. Install a new Ink Roll and press it down firmly but gently until it snaps into place.
4. Replace the printer cover onto the cash register.
5. Turn to the REG mode, and press the key to check for correct operation.

Mode Switch

This mark applies in EU countries only.

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

Please keep all information for future reference.