

## **1. BEFORE OPERATING THE REGISTER**

### **1-1 General Precautions**

- The shock of impact can damage the register, Install the register on a stable and level place.
- Do not move the register with the power ON.
- Be careful not to spill liquids on the register, or drop metallic objects such as paper clips into it.
- To clean the register, wipe it with a soft, dry cloth, Do not use solvents such as thinner, alcohol or benzene.
- If you leave the register unused for a long time, unplug the power cord.

### **1-2 Choosing a Location for the Register**

Avoid locations where the register would be exposed to:

- excessive dust
- vibration
- high humidity
- extremely high or low temperature
- rapid changes in temperature direct sunlight
- direct heat from a heating appliance

**CAUTION :** Do not use this cash register outdoors in the rain or near any source of liquid

If the register is used near a radio or television set, it may interfere with reception. If this problem occurs, try reorienting the register or the TV/radio antenna, or move the register away from the set.

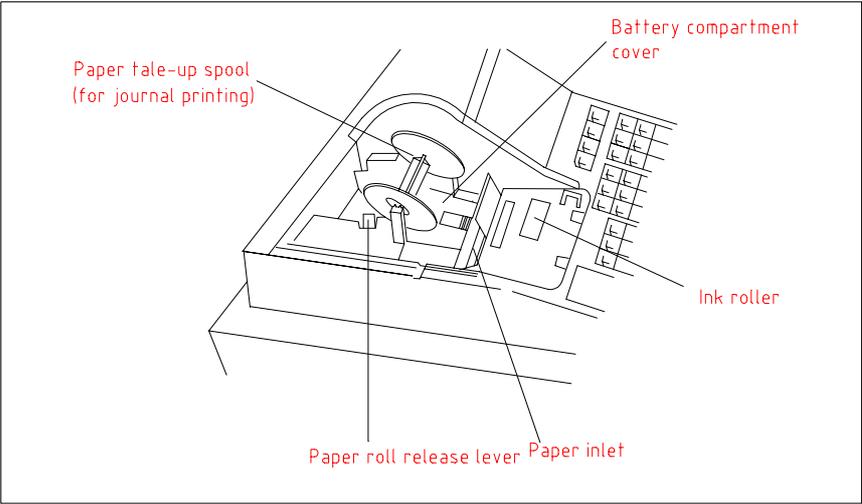
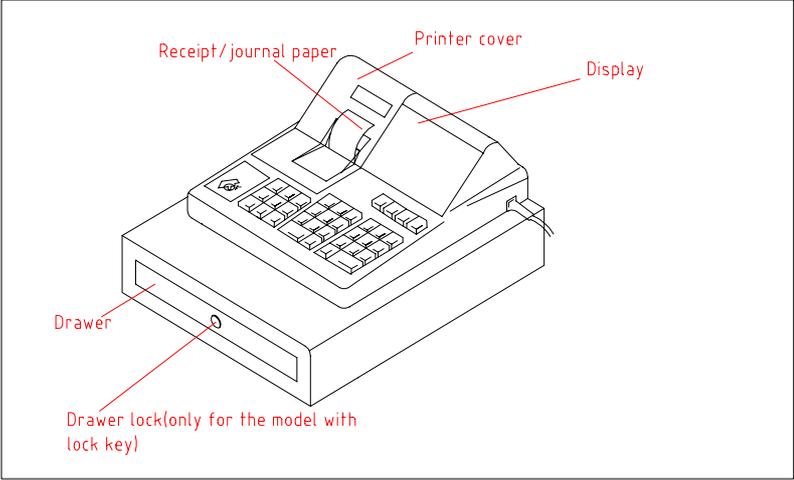
### **1-3 Power**

The register rated at 220V runs on standard power from wall outlet.

Do not connect the register to the same outlet as a heavy-duty appliance that generates electrical noise, such as refrigerator or air conditioner.

# 1-4 Parts of the Register

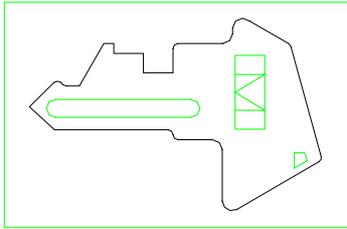
Before installing the register, start by familiarizing yourself with its parts.



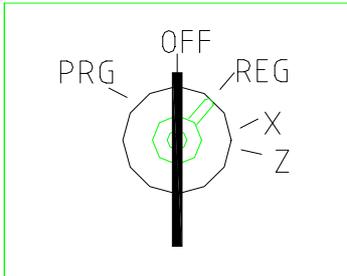
## 1-5 Switch and Keyboard

### Mode switch

The position of the mode switch key (supplied with the register) controls what type of operations you can perform on the register.

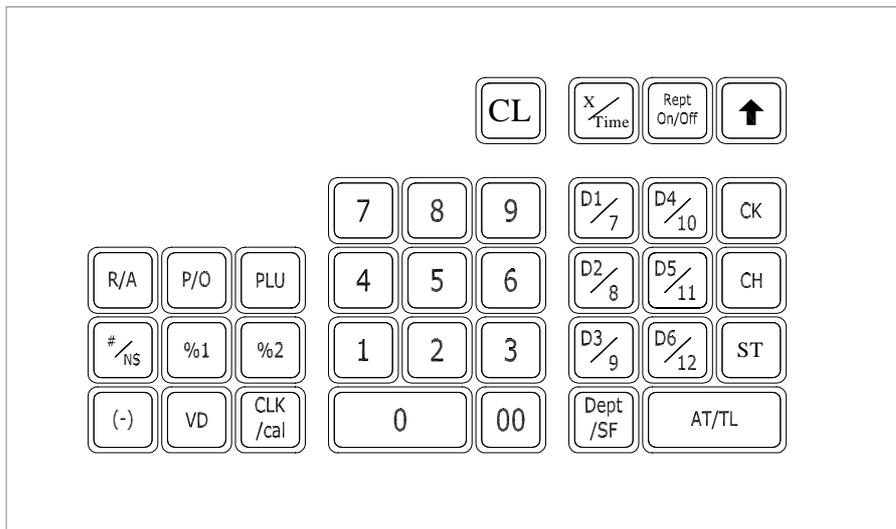


- PRG:** This is the position used for programming.  
**OFF:** In this position, the display is cleared and no operations are possible.  
The power is not turned off in this position.  
**REG:** This is the position used for transaction entry with receipt (or journal) printing.



- X:** This position permits to produce reports of daily sales without resetting the totals.  
**Z:** This position permits to produce reports of daily sales with resetting the totals.

### Keyboard



**Function of each key is described below:**

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Clears the display after error conditions.

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When preceded and followed by the numeric keys, it indicates the multiplication.  
When indexed alone, outside of a sale, it starts the time or the date display.

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Used to issue receipt or non issue.

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Advances the receipt roll paper through the printer.

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Used to finalize a payment by check.

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Used to finalize a charge transaction.

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Used to display the subtotal including tax.

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When preceded by numerics, used to declare the amount of payment, finalize the sale, and compute change.  
When indexed without numerics, causes the sale to be finalized.

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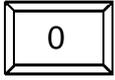
Used to shift a second department.

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These are the department keys to record sales of merchandise.

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These keys enter numerics.

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PLU is the setting item coded with number. A PLU usually associated with a preset price. This key retrieves the preset price from the PLU table in the register memory and records the item. Open PLU is available too.

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Used to enter Clerk ID or convert to the function of calculator.

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Used to enter a paid-out transaction.

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Used to enter a received-on-account transaction.

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When preceded by numerics, this key prints the numerics as an identification number. When indexed without preceding numerics outside of a sale, this key performs the non-sale function and makes the cash drawer open.

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Used to do refund of minus function

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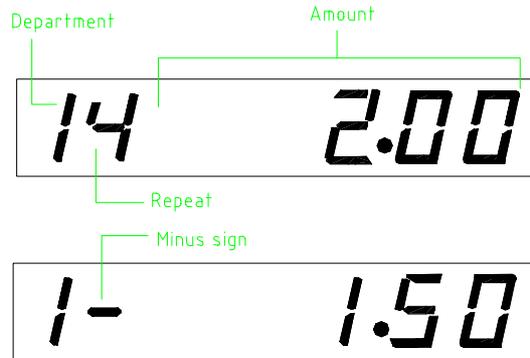
Used to remove an item entered earlier in the sale.

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## 1-6 Display

### Display Items:

The display indicates the following items:



**Department:** The first digit indicates the department number for each entry.

**Repeat/Minus sign:** The second digit indicates how many times the department key has been repeatedly pressed, or indicates minus (-) sign if amount is negative.

**Amount:** The remainder of the display indicates the entry amount.

### Symbols

Special symbols appear in the left-most position on the display.

<Total>

<Subtotal>

<Change>

<Error>

<Total>



<Subtotal>



<Change>



<Error>



### **NOTE:**

If the customer display (factory option) is installed to the register, it displays the same contents as the operator's display on the register.

## 2. SETTING UP THE REGISTER

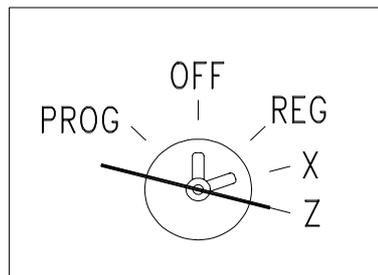
In order for your register to operate properly, you should do the following register setup procedure for the first time.

- STEP 1: Initialize the register.
- STEP 2: Insert batteries.
- STEP 3: Load the paper roll.
- STEP 4: Set the date and time.
- STEP 5: Program the tax.
- STEP 6: Program other items if necessary.

See each section that follows for details.

### 2-2 Initializing the Register

Remove the register from the packing carton.  
Insert the plug into the AC wall outlet without inserting batteries.  
Turn the key to the Z position.



The display should now show "0.00".



Press the X/TM key to confirm that the clock starts from 12:00(or 00:00).  
Your register is now reset and ready to be initialized.

**NOTE:** IF the situation described above does not occur, disconnect the AC plug and insert the plug again.

## 2-2 Inserting (or Replacing) Batteries

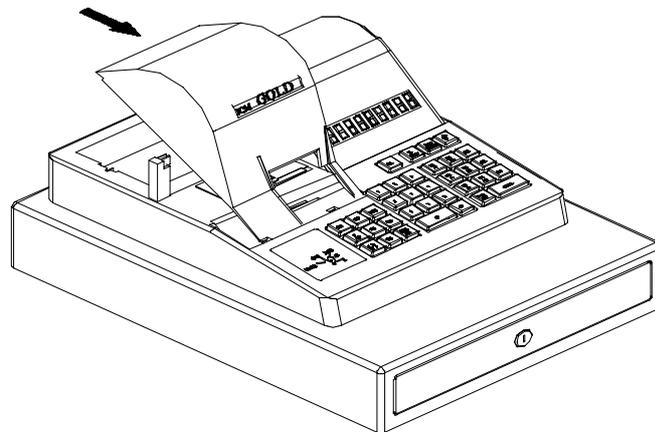
During cash register operations, all transaction data for the management report is stored in the register's memory. The memory back-up system keeps this information stored in memory when the AC cord is accidentally disconnected or in case of power failure.

The memory is protected by three standard [AA] (or [SUM-3] or [R6]) batteries. Since this register does not come with batteries, you must purchase three commercial batteries separately.

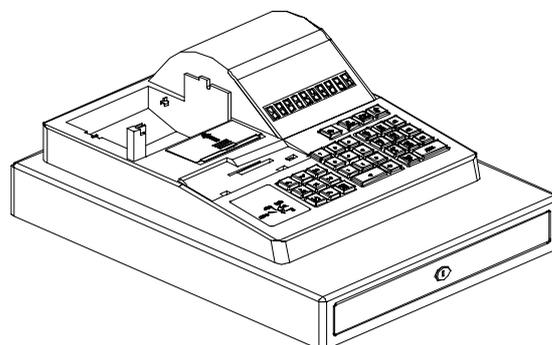
### CAUTIONS:

- You **must** install the batteries before you operate the register.
- Replace the batteries with new ones at least once every year, since this register does not detect when the batteries are low.
- If you replace the batteries with the AC cord disconnected, the register will be reset automatically, and all data (totals and programs) will be lost.

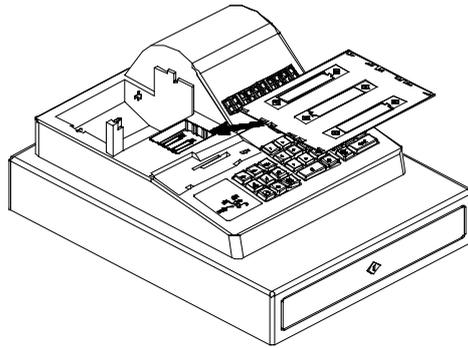
Be sure that the AC cord is plugged into the AC outlet.  
Remove the printer cover.



If you are replacing the batteries, remove the receipt and journal paper roll.  
Push the battery compartment cover backward to detach it.



Insert the batteries into the battery compartment. Before the insertion, see the cautions below.



Replace the battery compartment cover.

**CAUTIONS:**

- Do not insert the batteries into the register with their plus (+) and minus (-) ends facing the wrong direction.
- Do not allow batteries to become short circuited.
- Do not mix used and new batteries. Replace all batteries at the same time.
- Make sure that all batteries are the same type. Do not mix battery types.
- Do not leave discharged batteries in the register. Such batteries can leak and cause serious damage to the register.
- Do not dispose of batteries in a fire as they may explode.

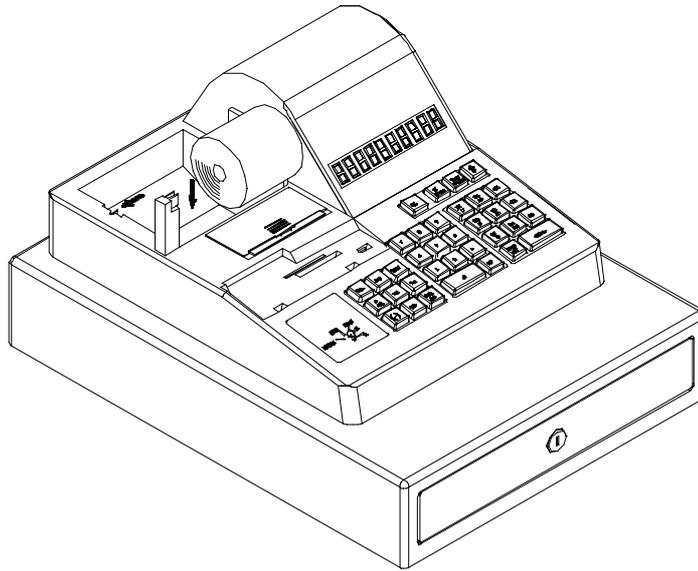
## 2-3 Loading (or Replacing) the Paper Roll

**CAUTION :**        -Use roll paper of 2-1/4 inches (57 mm) width.  
                          -Use quality paper.

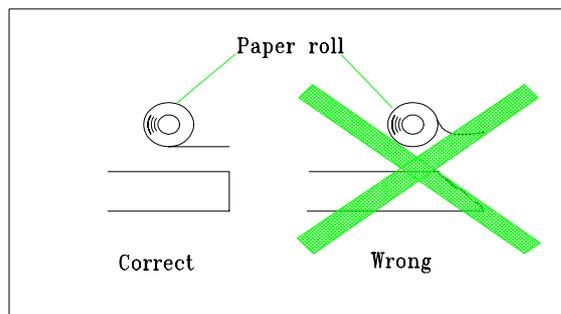
### To Load the Receipt Paper

Remove the printer cover.

Ensuring that the paper is being fed from the bottom of the roll, push the paper roll release lever in the arrow direction. The paper roll is held in place between two spindles. Install the paper roll gently between the spindles so that they fit into the center hubs of the roll.



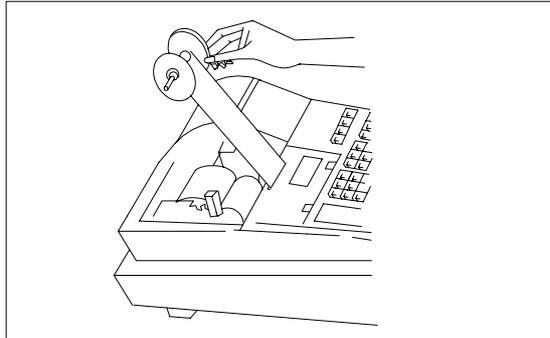
Insert the paper straight into the paper inlet and press the ↑ (Paper-feed) key until 8 or 12 inches (20 or 30 cm) of paper is fed from the printer.



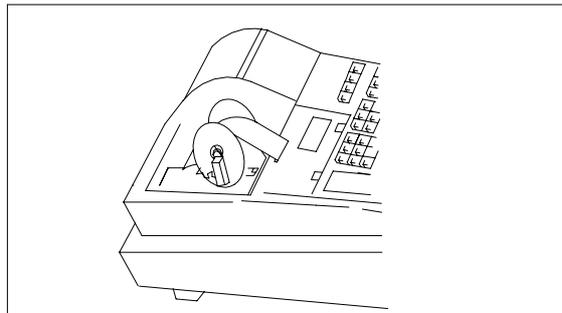
Replace the printer cover onto the register, as you pass the leading end of the paper through the cutter slot of the cover.  
Tear off the excess paper.

### **To Load the Journal Paper**

Follow steps <1> through <3> in the procedure for loading receipt paper.  
Insert the leading end of the paper into the slit of the take-up spool and roll the paper a few turns.

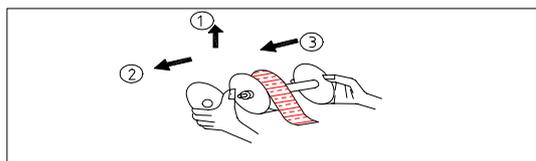


Place the take-up spool on the bearing.



Replace the printer cover onto the register.

### **To Remove the Journal Paper from the Take-up Spool**



### 3. SPECIFICATIONS

#### 3-1 MEMORY CAPACITY

	AMOUNT TOTALIZER		QUANTITY COUNTER	
	RANGE	QTY	RANGE	QTY
Plu	-----	-----		99
Department		12		12
Percentage %		1	Min. -32768	1
Received on Account		1		1
Paid Out	Min. -2147483648	1	Max. +32768	1
Cash Total		1		1
Void	Max.+2147483648	1	-----	---
VAT/TAX		1	-----	---
Return Merchandise		1		1
Refund		1		1
Clerk	Min.- 549755813888	3	Min. - 32768	1
NRGT	Max.+549755813888	1	Max. +32768	1
Consecutive number	-----	-----	4	1

#### Memory Balance

All department (TL1)= DEPT 1 + DEPT 2 + ... + DEPT 12.

Net sales (TL2) = TL1 + TX1 total +TX2 total + TX3 total – MINUS total  
- Percent total

Gross sales = Net sales + MINUS total + Percent total + Refund total  
+ VOID total

Ending grand total = Net sales + Previous grand total

### 3-2 INDEXING CAPACITY

Amount : 8 digits (department, PLU max.7digits)  
Preset price : 6 digits  
Quantity : 2 digits  
% rate : 4 digits  
VAT rate : 6 digits  
TAX rate : 6 digits  
Time : 4 digits (HH:MM)  
Date : 8 digits (MM-DD-YYYY)  
Clerk code : 4 digits (3 digits secret code + 1 digit ID code)

### 3-3 DISPLAY

Dept	Rpt	Amount							

Type : 8 – segment LED yellow display.  
Size : 10.00 (H) x 4.00 (W) mm  
Capacity : 10 digits  
Amount - 7 digits for input and 8 digits for display  
Department - 1 digit  
Repeat - 1 digit



## 4. PROGRAMMING

### 4-1. Time setting

[X] mode – (ABCD) – [X/TIME] – [# /NS]

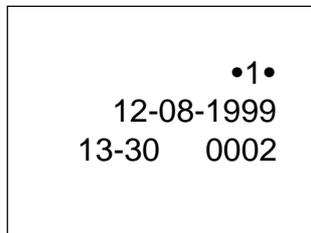
AB: Hour (00 — 23).

CD: Minute(00 — 59).

- 1) Set the switch to [X] position.
- 2) Enter the hour(00 – 23).
- 3) Enter the minute(00 – 59).
- 4) Press the [X/TIME] key.
- 5) Time programming ends on the [# /NS] key

Example: To set the time to 13:30.

[X] mode – (1330) – [X/TIME] – [# /NS]



### 4-2. Date setting

[X ] mode – (ABCDEFGH) – [X/TIME] – [# /NS]

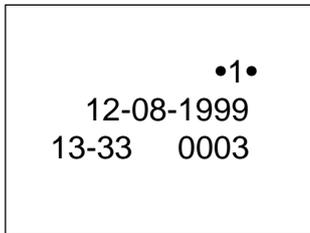
AB: Month (01-- 12).

CD: Day(01 — 31).

EFGH: Year(0000 — 9999).

- 1) Set the switch to [X] position.
- 2) Enter the month(01 – 12).
- 3) Enter the day(01 – 31).
- 4) Enter the year(0000 – 1999).
- 5) Press the [X/TIME] key.
- 6) Date programming ends on the [# /NS] key.

Example: To set the date to 08 December ,1999.  
[X] mode – (12081999) – [X/TIME] – [# /NS]



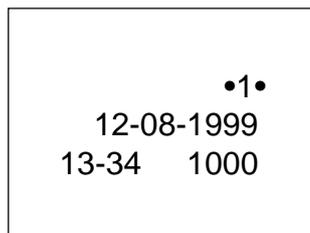
#### 4-3. Consecutive No. Programming

[P] mode – (ABCD) – [CHECK] – [# /NS]

ABCD: 4 digits consecutive number.

- 1) Set the switch to [P] position.
- 2) Enter the consecutive number(0000 – 9999).
- 3) Press the [CHECK] key.
- 4) Consecutive no. programming ends on the [# /NS] key.

Example: To set the consecutive number to 1000.  
[P] mode – (1000) – [CHECK] – [# /NS]



#### 4-3. Clerk Code Programming

[P] mode -- (ABCD) -- [CLK/cal] -- [# /NS]

ABC : secret Code (000-999)

D : Clerk ID (1-3)

#### 4-4. Department key Programming

[PRG] mode – (ABC) - [CHARGE] – (DEFGHI) – [DEPT. key] – [# /NS]

A: Single item status(0=no,1=yes).

B: TAX/VAT status(0 to 7).

C: High digit lockout limit(HDLO)(0 to 7).

DEFGHI: unit price(6 digits).

	Code no.	Taxable 3	Taxable 2	Taxable 1
	0	no	no	no
	1	no	no	yes
	2	no	yes	no
B	3	no	yes	yes
	4	yes	no	no
	5	yes	no	yes
	6	yes	yes	no
	7	yes	yes	yes

- 1) Set the switch to [P] position.
- 2) Enter the single item status (0 or 1).
- 3) Enter the VAT or TAX status.
- 4) Enter high digit lockout limit (0 – 7).
- 5) Press the [CHARGE] key.
- 6) Enter the unit price by a max 6 digit number.
- 7) Press the department key to be programmed.
- 8) Repeat the steps 2) to 7) .
- 9) Department key programming ends on the [# /NS] key.

Example: programming single, taxable 1 and taxable 2 and taxable 3, HDLO 7, unit price 2.34 on department 3.

[P] mode – (177) – [CHARGE] - (000234) – [Dep.3] – [# /NS]

	•1•
	12-08-1999
3	177
	2.34 @
13-35	1001

#### 4-5. PLU Programming

[P] mode – (AB) – [PLU] – (CDEFGH) – [Dept.key] – [# / NS]

AB: PLU number. (01-99)

CDEFGH: 6 digits unit price.

1. Set the switch to [P] position.
2. Enter the PLU number by 2 digits.
3. Press the PLU key.
4. Enter the unit price by max 6 digits.
5. Press the department key to be linked.
6. PLU programming ends on the [# / NS] key.

Example: Programming a unit price of \$2.40 on PLU 8 and the linked department is 9.

[P] mode – (08) – [PLU] – (000240) – [DEP shift] - [3/9] – [# / NS]

	•1•
	12-08-1999
9	08*
	2.40 @
13-37	1003

#### 4-6. Terminal status 1 programming

[P] mode – (ABCD) – [PO] – [# / NS]

1. Set the switch to [P] position.
2. A: Date Fomat 1: DD/MM/YY 2 : MM/DD/YY 3 : YY/MM/DD
3. B: Enter taxable/non taxable and the VAT/TAX version (1 - 3).

	Code No.	Taxable	VAT/TAX
B	1	no	no
	2	yes	TAX
	3	yes	VAT

4. C: Enter printing of the time and printing of the consecutive number .

Code no.	Printing of the time	Printing of the consecutive no.
0	yes	yes
1	yes	no
2	no	yes
3	no	no

5. D: Enter printing of taxable 1 and taxable 2 and taxable 3

Code no.	Taxable 1	Taxable 2	Taxable 3
0	yes	yes	yes
1	yes	yes	no
2	yes	no	yes
3	yes	no	no
4	no	yes	yes
5	no	yes	no
6	no	no	yes
7	no	no	no

6. Press the [PO] key.  
 7. Terminal status 1 programming end on the [# / NS] key.

Example: Programming Date Fomat MM/DD/YY, TAX version, printing of the time, printing of the consecutive number, printing the taxable 1, 2 and 3.

[P] mode – (2200) – [PO] – [# / NS]

	•1•
	12-08-1999
	2200PO
13-36	1004

#### 4-7. Terminal status 2 programming

[P] mode – (ABC) – [RA] – [#NS]

1. Set the switch to [P] position.
2. A: Enter the position of decimal point .

Code no.	The position of decimal point
0	no decimal point
1	1st position
2	2nd position
3	3rd position

3. B: Enter Zero Skip on Report, clear receipt serial number at z report, receipt/ journal print.

Code no.	Printing	Clear SN at z report	Printing receipt or journal
0	yes	yes	receipt
1	yes	yes	journal
2	yes	no	receipt
3	yes	no	journal
4	no	yes	receipt
5	no	yes	journal
6	no	no	receipt
7	no	no	journal

4. C: Enter Date Print/non-print and AMT tend compulsory and printing subtotal by SUB total key.

Code no.	Print Date	Tender compulsory	printing subtotal by SUB total
0	yes	no	no
1	yes	no	yes
2	yes	yes	no
3	yes	yes	yes
4	no	no	no
5	no	no	yes
6	no	yes	no
7	no	yes	yes

5. Press the [RA] key.
6. Terminal status 2 programming ends on the [#NS] key.

Example: programming 2nd position decimal point, Zero skip on Report, don't clear receipt serial number after z report, print receipt, print Date, AMT tend compulsory and printing subtotal by subtotal.

[P] mode – (226) – [RA] – [#NS]

		•1•
	12-08-1999	
		226RA
13-37		1005

#### 4-8. TAX/VAT programming

[P] mode – (AB) – [X/TIME] – (CDEF) – [Subtotal] – (GHIJKL) –

[Subtotal] – [#NS]

- 1) Set the switch to [P] position.
- 2) A: Enter the tax number(1 – 3).
- 3) B: Enter the rounding factor (0 = rounding, 5 = round off, 9 = round up).
- 4) Press the [X/TIME] key.
- 5) CDEF: Enter tax-free amount (4 digits).
- 6) Press the [Subtotal] key.
- 7) GHIJKL: Enter tax rate ( 6 digits).
- 8) Press the [Subtotal] key.
- 9) Tax rate programming ends on the [#NS] key.

Example: programming 12.34 tax free amount, rounding, 10%,on tax 1.

[P] mode – (10) – [X/TIME] – (1234) – [Subtotal] – (100000) –

[Subtotal] – [#NS]

```

      •1•
12-09-1998
      TX 1
      0
      12.34
      10.0000%
13-38    1006

```

#### 4-9. % key programming

[P] mode – (ABCD) – [%] – [# / NS]

- 1) Set the switch to “P” position.
- 2) Enter the 4-digit percent rate (00.00% - 99.99%).
- 3) Press the [%] key.
- 4) % key programming ends on the [# / NS] key.

Example: programming 10.00%.

[P] mode – (1000) – [%] – [# / NS]

```

      •1•
12-09-1998
      10.00%
13-39    1007

```

#### 4-10. Euro Programming

[P] -- AB – ( - ) – XXXXXXXX -- ( - ) -- # / NS

A : 0 = Non-Print Euro

1 = Print Euro

B : Decimal point for Euro

XX...XX : 8 digits for Euro Rate, no need to input decimal point.

#### 4-11. Programming reports

[P] mode – ( 1 ) – [AMT Tend]

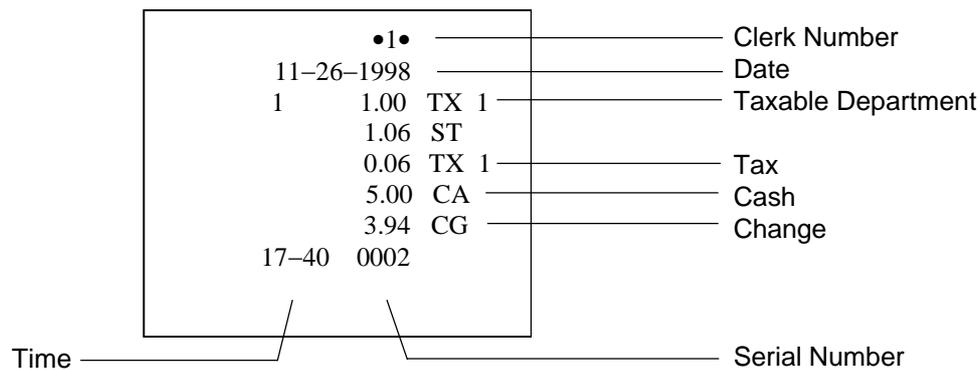
- 1) Set the switch to [P] position.
- 2) Press the numeric key (1).
- 3) Press the [AMT Tend] key.

## 5. OPERATION

The example in this section shows how to complete different type of transactions. Sample receipts are included that reflect the program examples used in setting THE REGISTER PROGRAMS.

### 5-1 SAMPLE RECEIPT

The following sample shows where general transaction information is printed on a receipt .



### 5-2 TRANSACTION SYMBOLS

The following symbols appear on the paper tape. They are printed to the right of entries to identify various totals and transaction operations. Some of these symbols also appear on the management report. They include:

- CA —Cash Transaction Total
- CH —Charge Transaction Total
- CA —Amount Tendered
- ST —Subtotal, Excluding Tax

CG —Change  
 TX 1 —Taxable By Tax Rate 1  
 TX 2 —Taxable By Tax Rate 2  
 TX 3 —Taxable By Tax Rate 3  
 TX —Prints When a Department Is Taxable By More Than One Tax Rate  
 % —Percent Discount Applied To An Item Or Sale  
     —Coupon / Discount / Refund Or Void  
 X —Quantity Being Multiplied  
 @ —Item Price Being Multiplied  
 VD —Voided Previous Entry  
 RF —Refund Or Return ( Management Report Only)  
 # —Identification Number  
 NS —No Sale Receipt

### 5-3 CLERK CODE REGISTRATION

1. Set the control switch to [REG] position.
2. Enter a clerk code number (1 to 3).
3. Press the [CLK/CAL] key.

·1·	
11-26-1998	
·17-20	·2· *
17-20	0000

## STANDARD TRANSACTIONS

**REMINDER:** If Clerk Numbers are programmed, be sure to type the clerk number and press the [CLERK] key before ringing up a sale in the [REG] position.

In these examples, the clerk no.1 appears as .1. at the top of each receipt.

### 5-4 Registering a Single Item Sale and Tendering Change

**NOTE:** The digits for the amount of the entry can be programmed.

Example: Register a \$1.00 item in Department 1 (programmed at 5.5% fixed tax rate). Subtotal transaction and compute change for \$5.00.

1. [100]+[DEPARTMENT 1]
2. [SUBTOTAL]
3. [500]+[Amt Tend/Total]

```
      •1•
11-26-1998
1      1.00 TX 1
      1.06 ST
      0.06 TX 1
      5.00
      3.94 CG
17-40
```

### 5-5 Registering a Sale to Multiple Items

**NOTE:** Up to two digits can be used for the quantity multiplied.

Example: Multiply two items times \$1.50 to Department 1.

1. [2]+[QTY/TIME]+[150]+[DEPARTMENT 1]
2. [SUBTOTAL]
3. [Amt Tend/TOTAL]

```
      •1•
11-26-1998
      2      x
1      1.50 TX 1
      3.00 TX 1
      3.17 ST
      0.17 TX 1
      3.17 CA
17-42 0003
```

## 5-6 Registering a Charge Transaction

**NOTE:** Charge transaction are counted and registered to the charge total in the financial report.

Example: Register a \$2.50 item to Department 1 and a \$3.00 item to Department 2 as a charge transaction.

1. [250]+[DEPARTMENT 1]
2. [200]+[DEPARTMENT 2]
3. [CHARGE]

		•1•
	11-26-1998	
	1	2.50 TX 1
	1	2.00
		0.14 TX 1
		4.64 CH
	17-44	0004

## 5-7 Using split tendering

Example: Register a \$10.00 item and a \$15.00 item to Department 2; Split the total between \$20.00 cash and \$5.00 charge.

1. [1000]+[DEPARTMENT 2]
2. [1500]+[DEPARTMENT 2]
3. [SUBTOTAL]
4. [2000]+[Amt Tend/TOTAL]+[CHARGE]

		•1•
	11-26-1998	
	2	10.00
	2	15.00
		25.00 ST
		20.00 CA
		5.00 CH
	17-47	0005

## 5-8 MINUS (-) KEY TRANSTRACTIONS

Registering a [ - ] Reduction:

**NOTE:** Up to 7 digits can be used for the amount of the reduction.

Example: Register a 10¢ reduction (coupon) on a \$2.00 item to Department2.

1. [200]+[DEPARTMENT 2]
2. [10]+[-]
3. [Amt Tend/TOTAL]

		•1•
	11-26-1998	
	2	2.00
		-0.10
		1.90 CA
	17-50	0006

## 5-9 PERCENT DISCOUNT ( % ) TRANSACTIONS

### 5-9-1 Discounting [ % ] Individual Items

**NOTE:** Up to four digits can be used for the discount percentage ( 0 — 99.99 % ). You MUST enter two digits after the decimal position.

Example: Register a 10% discount to a transaction.

1. [100]+[DEPARTMENT 1]
2. [1000]+[%1]
3. [SUBTOTAL]
1. [Amt Tend/TOTAL]

			•1•
	11-26-1998		
1	1.00	TX	1
	10.00	%	1
	-0.10	-	
	0.95	ST	
	0.05	TX	1
	0.95	CA	
17-52	0007		

### 5-9-2 Using a Preset Discount ( %2 ) On The Total Sale:

Example: Register the preset percent discount ( 5 % ) to an entire transaction.

1. [100]+[DEPARTMENT 1]
2. [200]+[DEPARTMENT 1]
3. [SUBTOTAL]
4. [%2]
5. [Amt Tend/TOTAL]

			•1•
	11-26-1998		
1	1.00	TX	1
1	2.00	TX	1
	3.16	ST	
	5.00	%	2
	-0.15	-	
	0.16	TX	1
	3.01	CA	
17-54	0008		

**5-9-3 Using a Preset Discount ( -% ) On Individual Item:**

Example: Register the preset percent discount ( 5 % ) on a \$3.00 item Department 2.

1. [300]+[DEPARTMENT 2]
2. [%1]
3. [Amt Tend/TOTAL]

			•1•
	11-26-1998		
2	3.00		
	5.00	% 1	
	-0.15	-	
	2.85	CA	
17-56	0009		

**5-9-4 Overriding the preset Discount ( -% ):**

Example: Register a 15% discount (to )override preset (5% ) on a \$10.00 item to Department 2.

**NOTE:** You **MUST** enter two digits after the decimal position.

1. [1000]+[DEPARTMENT2]
2. [1500]+[%2]
3. [Amt Tend/TOTAL]

			•1•
	11-26-1998		
2	10.00		
	15.00	% 2	
	-1.50	-	
	8.50	CA	
17-58	0010		

**5-10 Using a Fixed PLU Price :**

**NOTE:** PLU Codes and Price must be preset to use this feature. See The Register Programs to assign PLU information.

Example: Register PLU #1 programmed at the preset price of \$1.50:

1. [1]+[PLU]
2. [SUBTOTAL]
3. [Amt Tend/TOTAL]

			•1•
	11-26-1998		
01	1.50	TX	
	1.58	ST	
	0.08	TX	
	1.58	CA	
18-00	0011		

## 5-11 VOIDS

6-11-1 Direct void the Previous Entry in the Middle of a Sale:

Example: Void a \$2.00 entry to Department 2 made in error. Then register a \$3.00 item in Department 2.

1. [200]+[DEPARTMENT 2]
2. [VOID]
3. [300]+[DEPARTMENT 2]
4. [Amt Tend/TOTAL]

			•1•
	11-26-1998		
2	2.00	TX 1	
2	-2.00	VD	
	-0.08	TX 1	
2	3.00	TX 1	
	0.12	TX 1	
	3.12	CA	
18-05	0012		

**NOTE:** To void an earlier entry or entire transaction, complete the transaction then follow the directions for a void.

5-11-2 Designated void operation:

Example: Void a \$1.00 item in Department 1.

1. [100] + [DEPARTMENT 2]
2. [5432]+[DEPARTMENT 3]
3. [100] + [VOID]+[DEPARTMENT 2]
4. [Amt Tend/TOTAL]

			•1•
	11-26-1998		
2	1.00	TX 1	
3	54.32		
2	-1.00	VD	
	-0.04	TX 1	
	54.32	CA	
18-08	0013		

## 5-12 REFUND

5-12-1 Refund a Single Item:

Example: Refund a \$1.00 item in Department 1.

1. [-]
2. [100]+[DEPARTMENT 1]
3. [Amt Tend /TOTAL]

			•1•
	11-26-1998		
1	-1.00	RF	
	-0.06	TX 1	
	-1.06	CA	
18-10	0014		

### 5-12-2 Refund Multiple Items:

Example: Refund a \$1.00 Item in Department 1 and a \$2.00 item in Department 2.

1. [-]
2. [100]+[DEPARTMENT 1]
3. [-]
4. [200]+[DEPARTMENT 2]
5. [Amt Tend/TOTAL]

		•1•
	11-26-1998	
1	-1.00	RF
	-0.06	TX 1
2	-2.00	RF
	-3.06	CA
18-12	0016	

Example: Refund 3 items at \$1.00 in Department 1.

1. [-]
2. [3]+[QTY/TIME]
3. [100]+[DEPARTMENT 1]
4. [Amt Tend/TOTAL]

		•1•
	11-26-1998	
	3	X
1	1.00	@
	-3.00	RF
	-0.17	TX 1
	-3.17	CA
18-10	0014	

### 5-13 CALCULATOR FUNCTION

1. Turn to "Reg" mode
2. [7]+[CLK/CAL]
3. To Finish Calculator function repeat step 2

NOTE: + : on key [RA]  
- : on key [PO]  
x : on key [PLU]  
÷ : on key [%2]  
= : on key [%1]

## 5-14 OTHER TRANSAXTIONS

5-14-1 Registering Money Received On Account:

Example: Register \$10.00 received on account.

1. [1000]+[RA]

		•1•	
	11-26-1998		
	10.00	RA	
	18-23	0019	

5-14-2 Paying Money Out:

1. [500]+[PO]

		•1•	
	11-26-1998		
	5.00	PO	
	18-26	0020	

### 5-14-3 Registering an Identification Number

**NOTE:** Up to 7 digits can be used for the identification number. This entry can be made prior to any operation. The \$ identification is not added to the management report or totals.

Example: Assign the ID number [ 12345 ] to a transaction.

1. [12345]+[#/NS]
2. [100]+[DEPARTMENT 1]
3. [Amt Tend/TOTAL]

		•1•	
	11-26-1998		
	12345	#	
	1	1.00	TX 1
		0.05	TX 1
		1.05	CA
	18-29	0021	

### 5-14-4 Registering a No Sale:

**NOTE:** This operation simply prints a no sale receipt . An activity is registered to the activity counter in the management report.

1. [#/NS]

		•1•	
	11-26-1998		
			NS
	18-31	0022	

## **6. REPORTING**

### **6-1 SALES REPORTS**

In conjunction with the X or Z position on the control switch, the following report are obtained.

1) DAILY TERMINAL SALE REPORTS

[X] or [Z] mode – [AMT tend]

2) DAILY CLERK SALES REPORTS

[X] or [Z] mode – [CLERK]

3) PLU SALES REPORTS

[X] or [Z] mode – [PLU]

Daily Terminal Report in [x] mode

08-05-1999		Date
0001 X		X counter
3547.00 NT		NRGT
000001 #		
700.00		
000002 #		
1170.00		
000000 #		
0.00		
000001 #		
4.00		
000002 #		Each Department sales counter & Total
1403.00		
000000 #		
0.00		
000000 #		
0.00		
000000 #		
0.00		
000001 #		
300.00		
000000 #		
0.00		
000000 #		
0.00		
000000 #		
0.00		
000000 #		
0.00		
-----		
3577.00 NT		All Department sales Total
0000 #		Void counter
0.00 ND		Void Total
0.00 TX1		
0.00 TX2		Tax Total
0.00 TX3		
0.00 -		Minus Total
-30.00 %-		% Total
3547.00 NT		Net sales Total
0000 #		Refund counter
0.00 RF		Refund Total
3577.00 *		Gross sales Total
3547.00 CA		Cash sales Total
0000 #		Check sales counter
0.00 CK		Check sales Total
0000 #		Charge sales counter
0.00 CC		Charge sales Total
0001 #		RA counter
900.00 RA		Received on Account Total
0001 #		PO counter
88.88 PD		Paid out Total
4358.12 *TA		Cash in drawer
7094.00 NT		Grand Total
15-15 0035		Receipt Number
		Time

Daily Terminal Report in [z] mode

08-05-1999		Date
0002	z	Z counter
7094.00	NR	NRGT
1	000001	#
	700.00	
2	000002	#
	1170.00	
3	000000	#
	0.00	
4	000001	#
	4.00	
5	000002	#
	1403.00	
6	000000	#
	0.00	
7	000000	#
	0.00	
8	000000	#
	0.00	
9	000001	#
	300.00	
10	000000	#
	0.00	
11	000000	#
	0.00	
12	000000	#
	0.00	
-----		
3577.00	NR	All Department sales Total
0000	#	Void counter
0.00	NR	Void Total
0.00	TX1	
0.00	TX2	
0.00	TX3	
0.00	-	Minus Total
-30.00	%-	% Total
3547.00	NR	Net sales Total
0000	#	Refund counter
0.00	NR	Refund Total
3577.00	*	Gross sales Total
3547.00	CA	Cash sales Total
0000	#	Check sales counter
0.00	CA	Check sales Total
0000	#	Charge sales counter
0.00	CA	Charge sales Total
0001	#	RA counter
900.00	NR	Received on Account Total
0001	#	PO counter
88.88	PO	Paid out Total
4358.12	*TR	Cash in drawer
10641.00	NR	Grand Total
15-17	0036	Receipt Number
		Time

## DAILY CLERK SALES REPORTS

Daily clerk sales reports in X mode

	•1•	
12•10•1999		
	003	X
1	1047	
2687130•75		
2	0001	
	69•06	
3	0265	
217499•01		
10-37	0334	

Daily clerk sales reports in Z mode.

	•1•	
12•10•1999		
	003	Z
1	1047	
2687130•75		
2	0001	
	69•06	
3	0265	
217499•01		
10-37	0335	

PLU sales reports in X mode

```
      •1•  
12•10•1999  
      002 X  
01    0034  
      170000•00  
02    0006  
      7407•36  
88    0006  
      12000•00  
99    0208  
      4160•00  
      193567•36 ■  
10-37  0336
```

PLU sales reports in Z mode.

```
      •1•  
12•10•1999  
      002 Z  
01    0034  
      170000•00  
02    0006  
      7407•36  
88    0006  
      12000•00  
99    0208  
      4160•00  
      193567•36 ■  
10-38  0337
```

## **7. MAINTENANCE**

### **7-1 CLEANING**

1. **REMOVAL OF DIRT AND STAINS**

When removing dirt and stains, use only alcohol. Never use benzine, thinner, trichlorethylene, ketone-based solvents, toluen, acetone, triethan and dyfron. The parts made of plastics may damage.

2. **REMOVAL OF PAPER PARTICLES, DUST AND NAP**

It is recommendable that a vacuum cleaner be used to thoroughly remove paper particles, dust and nap from the internal mechanism.

### **7-2 REPLACING THE PRINTING PAPER**

1. **REMOVAL OF PAPER**

The paper can be removed by pressing the [↑] key.

3. **INSERTION OF PAPER**

By observing the following precautions, inserting paper in the printer should be an easy job.

a. Be sure the leading edge of the paper is square.

b. Insert the paper end straight into the paper inlet of the printer.

c. Pushing the paper in the feeding direction facilitates its engagement with the paper feeding roller, thus permitting easy insertion.

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## **CAUTION**

The socket-outlet shall be installed near the equipment and shall be easily accessible.

Thank you for purchasing this Electronic Cash Register. Please read this manual carefully before operating your register and keep it at hand for future reference. We hope it will be helpful to you if you encounter any operational problem.

## **Notice**

The information in this manual is subject to change without notification. Further pages may be added to future editions. The user is asked to excuse any omissions or error in the present edition. No liability will be assumed for any changes, omissions, or error , in this manual, or for any accidents that occur while the user is following the instructions in it.

No liability will be assumed for defects in the register's firmware.





**ELECTRONIC CASH REGISTER**

## JCM GOLD G-105



# Owner Manual



G105  
JCMHK 9910

