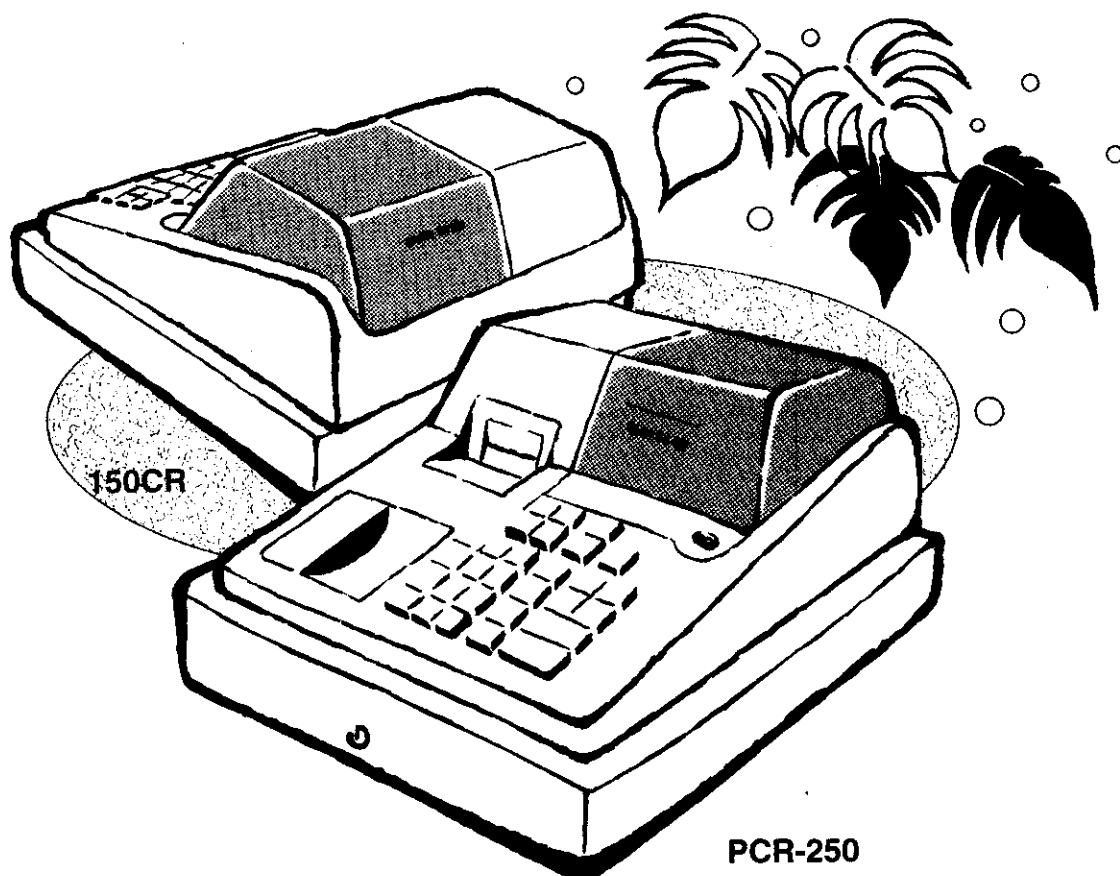


# PCR-250 150CR

Electronic Cash Register



## User's Manual

**START-UP is QUICK and EASY!**

**Simple to use!**

8 departments and 16 PLUs

Automatic Tax Calculations

Calculator function

**CASIO®**



# Introduction

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.

## IMPORTANT

FOR PROGRAMMING ASSISTANCE  
PLEASE CALL TOLL FREE

1-800-638-9228  
(1-800-661-2274 in Canada)

### CASIO Authorized Service Centers

If your CASIO product needs repair, or you wish to purchase replacement parts, please call 1-800-YO-CASIO.

### 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.

### NOTE

This User's Manual is also available in Spanish. To receive a copy in Spanish please call:

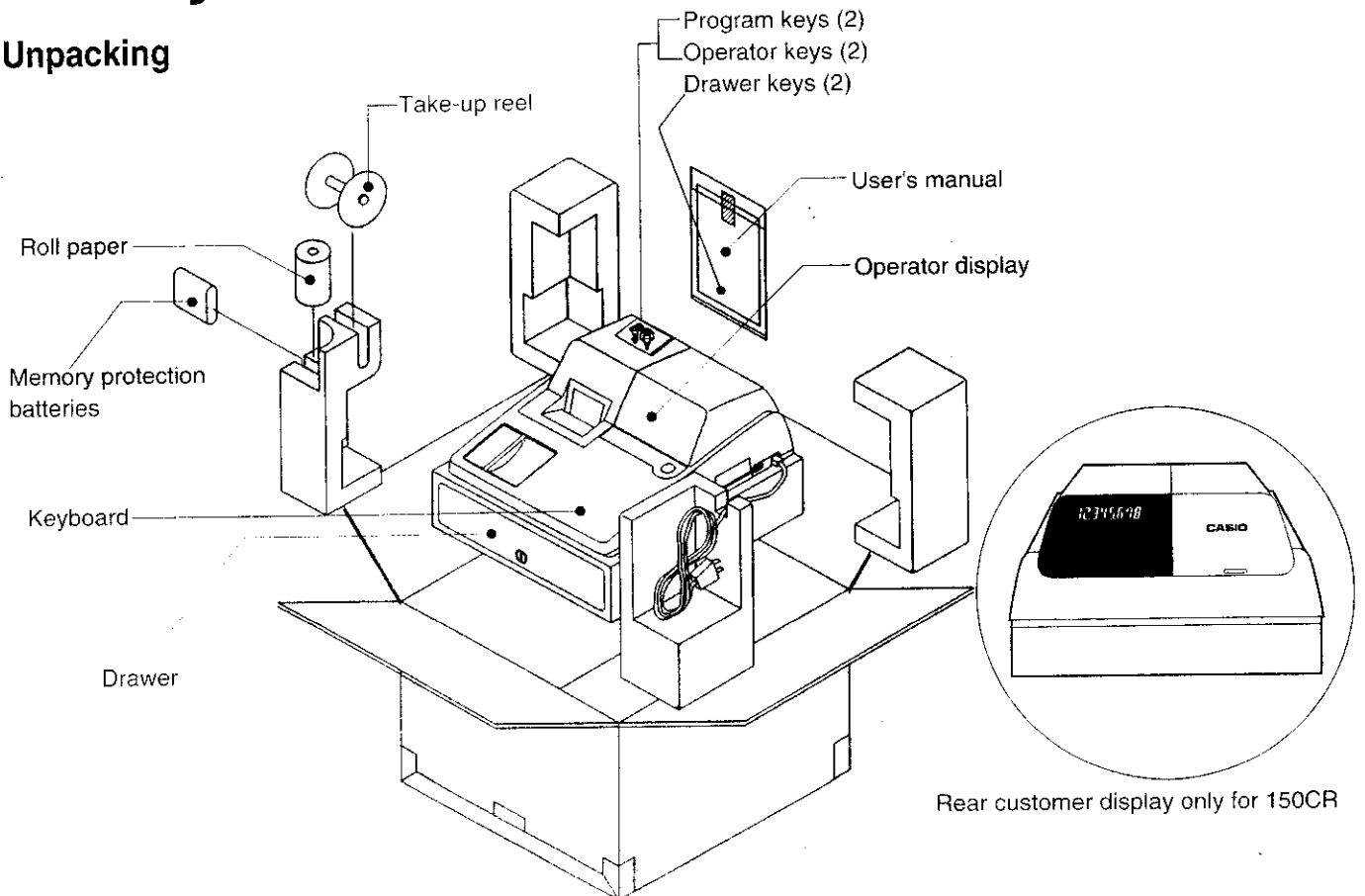
1-800-YO-CASIO

# Contents

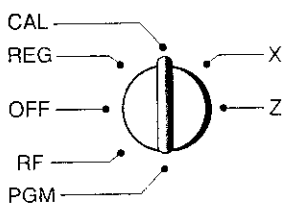
Getting to know your cash register .....	2
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## Before you start

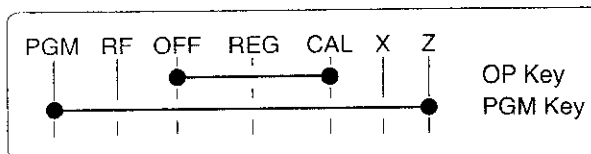
### Unpacking



# Getting to know your cash register



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



**Note:**

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

**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.

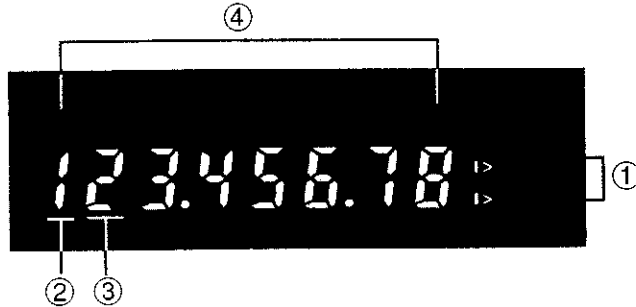
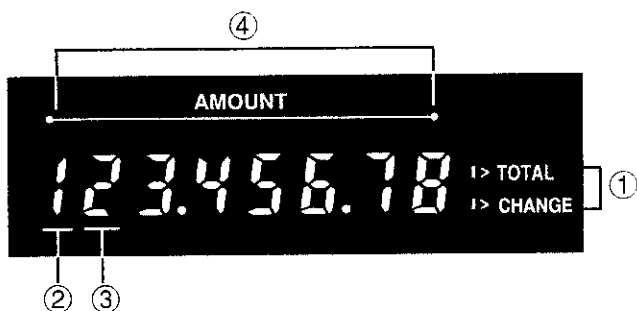
**Z (Reset)**

This is the position used to produce reports of daily sales totals. This setting clears the totals.

## Displays

Operator Display

Rear Customer Display (only for 150CR)



**① Total/Change Display**

The total (upper segment) or change (lower segment) sign appears when a subtotal, total or change is obtained.

**② Department Number Display**

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

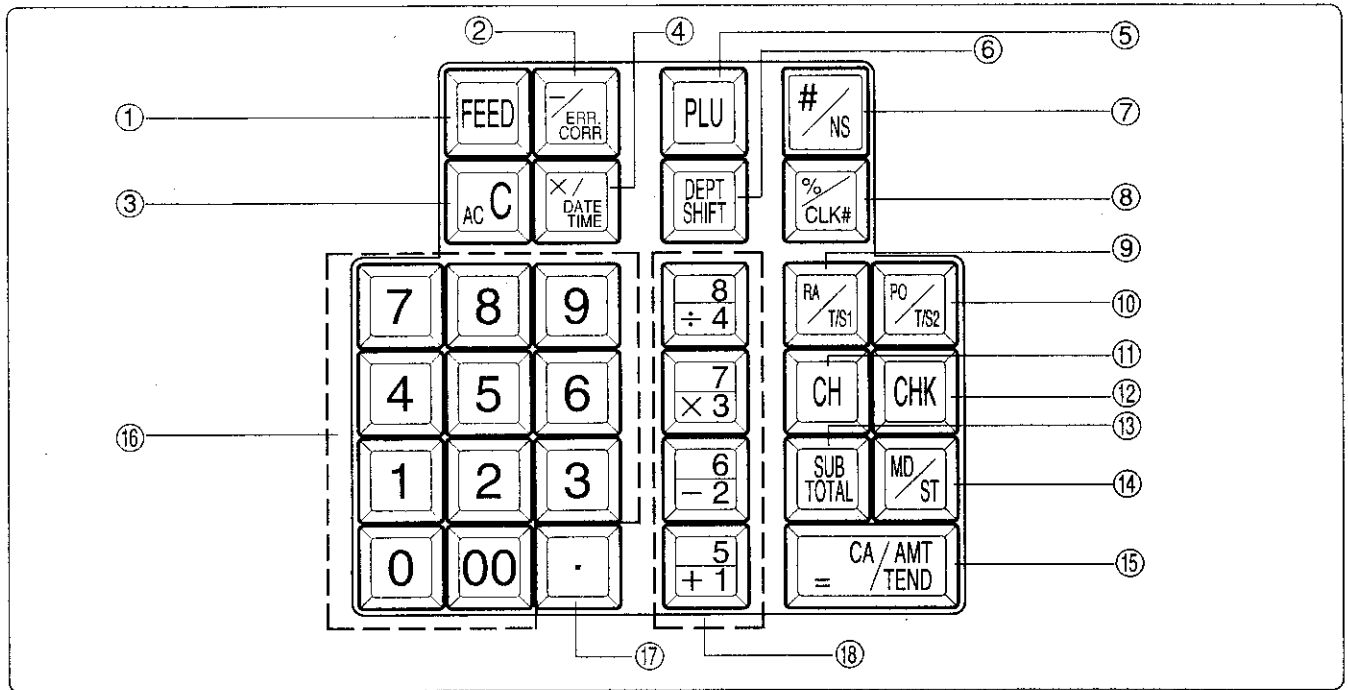
**③ Number of Repeat Display**

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 31).

## Keyboard



Certain keys have two functions; one for register mode and one for calculator mode.

In this manual, we will refer to specific keys as noted below to make the operations as easy to understand as possible:

### Register Mode

- ① **FEED** Feed Key
- ② **ERR CORR** Minus/Error Correction Key
- ③ **AC C** Clear Key
- ④ **DATE TIME** Multiplication/Date Time Key
- ⑤ **PLU** PLU (Price Look Up) Key
- ⑥ **DEPT SHIFT** Department Shift Key
- ⑦ **# NS** Reference Number/No Sale Key
- ⑧ **% CLK#** Percent/Cashier ID No. Assignment Key
- ⑨ **RA T/S1** Received On Account/Tax Status 1 Shift Key
- ⑩ **PO T/S2** Paid Out Key/Tax Status 2 Shift Key
- ⑪ **CH** Charge Key
- ⑫ **CHK** Check Key
- ⑬ **SUB TOTAL** Subtotal Key
- ⑭ **MD ST** Merchandise Subtotal Key
- ⑮ **= CA/AMT TEND** Cash Amount Tendered Key
- ⑯ **0, 1 ~ 9, 00** Numeric Keys and 2-zero key

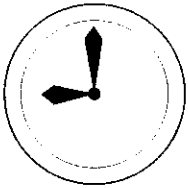
- ⑰ **.** Decimal key
  - ⑱ **+1 -2 x3 ÷4** Department Keys
- \* Departments 5 through 8 are specified by pressing the **DEPT SHIFT** key respectively as follows:
- DEPT SHIFT** **+1** → Department 5     **DEPT SHIFT** **x3** → Department 7
  - DEPT SHIFT** **-2** → Department 6     **DEPT SHIFT** **÷4** → Department 8

### Calculator Mode

- ③ **AC c** AC Key
- ⑤ **PLU** Memory Recall key
- ⑧ **% CLK#** Percent Key
- ⑯ **0, 1 ~ 9, 00** Numeric Keys and 2-zero key
- ⑰ **.** Decimal key
- ⑱ **+1 -2 x3 ÷4** Arithmetic Operation Keys
- ⑮ **= CA/AMT TEND** Equal Key

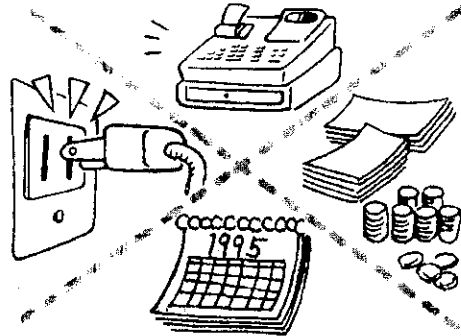
Numeric Keys and 2-zero key

# Daily Job Flow



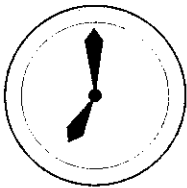
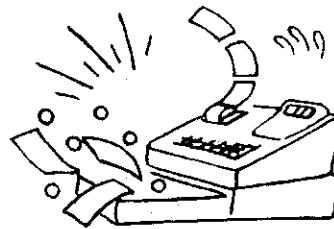
## Before Opening The Store

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



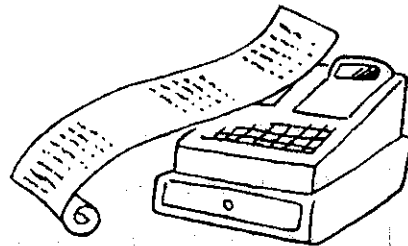
## While The Store Is Open

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



## After Closing The Store

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





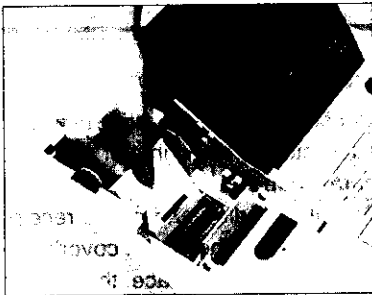
## QUICK START OPERATION

Part-1

### 1. Initialization and Loading Memory Protection Battery

#### Important

You must initialize the Cash register and install the memory protection batteries before you can program the cash register.



(Figure 1)

#### ► To initialize the cash register

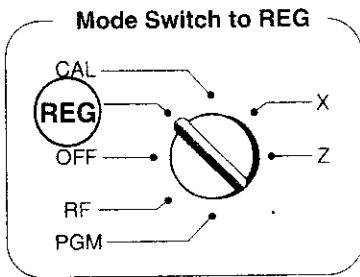
1. Set the Mode Switch to OFF.
2. Plug the power cord of the cash register into an AC outlet.
3. Load the memory protection batteries.
4. Set the Mode Switch to REG.

#### ► To load the memory protection batteries

1. Remove the printer cover.
2. Press down on the oval just behind the printer paper inlet, and slide the battery compartment cover toward the back of the cash register (Figure 1).
3. Load 3 new UM-3, R6P (SUM-3) or LR6 (AM-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.
4. Slide the memory protection battery compartment cover back into place.
5. Replace the printer paper and printer cover.

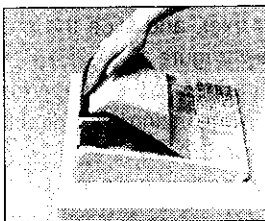
**REPLACE MEMORY PROTECTION BATTERIES AT LEAST ONCE EVERY YEAR.**

## 2. Loading Paper Roll And Replacing The Printer's Ink Roll



### 1. To load journal paper

- Remove the printer cover by lifting up the back.



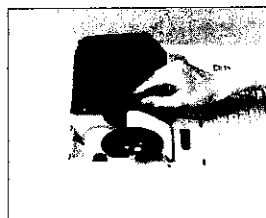
- Put a roll of journal paper into the holder.
- Cut the leading end of the roll paper with scissors and insert the paper into the inlet.



- Press the **FEED** key until 20 or 30 cm of paper is fed from the printer.
- Roll the paper onto the take-up reel a few turns.



- Set the left plate of the take-up reel and place the reel into the register.



- Press the **FEED** key to take up any slack in the paper.
- Replace the printer cover by placing the cover's front tab into the register's groove.

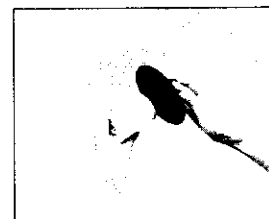


### 2. To remove journal paper

- Remove the printer cover following the instructions above.
- Press the **FEED** key until approximately 20cm of the paper is fed from the printer.
- Cut off the roll paper.



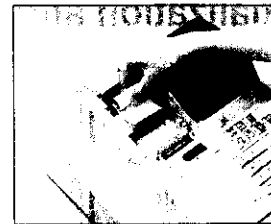
- Remove the take-up reel from the printer and take off the left plate of the reel.
- Remove the journal paper from the take-up reel.



- Cut off the paper left in the printer and press the **FEED** key until the remaining paper is fed out from the printer.



- Remove the core of the paper.



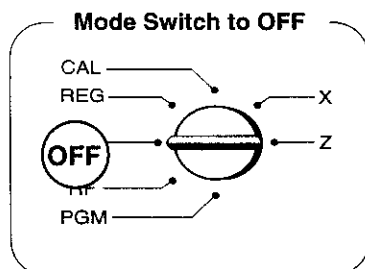
- Load new paper following the instructions above, and replace the printer cover.

Default printer setting is for Journal.

To print receipts, please refer to 1-7-3 on page 23 to switch the printer for Receipt or Journal.

### ► To load receipt paper

- To use the printer to print receipts, follow steps 1 through 4 of "To load journal paper".
- Pass the leading end of the receipt paper through the printer cover's paper outlet and replace the printer cover.
- Tear off any excess paper.



### ► To replace the ink roll

- Remove the printer cover.
- Lift up the tab on the ink roll marked "PULL UP".

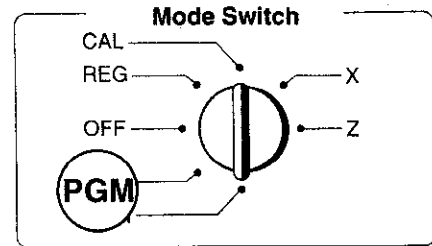


- Install a new Ink Roll and press it down firmly but gently until it snaps into place.
- Replace the printer cover onto the cash register.
- Press the **#/NS** key to check for correct operation.

Options: Roll paper – P-5860  
Ink Roll – IR-40



# Part-1 QUICK START OPERATION



Procedure	Purpose					
<p>Example 2: Set Colorado state tax 5.25%.</p> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">3</div> <div style="border: 1px solid black; padding: 2px 5px; font-size: 8px;">SUB TOTAL</div> </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">0</div> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">2</div> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">2</div> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">5</div> <div style="border: 1px solid black; padding: 2px 5px; font-size: 8px;">SUB TOTAL</div> </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">5</div> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">.</div> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">2</div> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">5</div> <div style="border: 1px solid black; padding: 2px 5px; font-size: 8px;">= CA / AMT / TEND</div> </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">5</div> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">0</div> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">0</div> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">2</div> <div style="border: 1px solid black; padding: 2px 5px; font-size: 8px;">= CA / AMT / TEND</div> </div> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px 5px; font-size: 8px;">SUB TOTAL</div> </div> <p>P3 appears in mode display</p> <p>Program set code No. for Tax table 2</p> <p>5.25% tax</p> <p>50 for Round off and 02 for Add On</p> <p>(to end the setting)</p>	<p>Setting the Tax table 2</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;"> <table style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: center;">COLORADO</td></tr> <tr><td style="text-align: center;">5.25%</td></tr> <tr><td style="text-align: center;">5.25</td></tr> <tr><td style="text-align: center;">5002</td></tr> </table> </div>	COLORADO	5.25%	5.25	5002	
COLORADO						
5.25%						
5.25						
5002						
<p>• Tax table 2 programming can set only tax rate, but not for a tax break point.</p> <p>4. For CANADA</p> <p>Find the tax table for your province on page 12 of this manual.</p> <p>Press the following keys to set the tax tables 1 and 2.</p> <p>Example 1: Set Quebec tax 9%.</p> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">3</div> <div style="border: 1px solid black; padding: 2px 5px; font-size: 8px;">SUB TOTAL</div> </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">0</div> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">1</div> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">2</div> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">5</div> <div style="border: 1px solid black; padding: 2px 5px; font-size: 8px;">SUB TOTAL</div> </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">9</div> <div style="border: 1px solid black; padding: 2px 5px; font-size: 8px;">= CA / AMT / TEND</div> </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">9</div> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">0</div> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">0</div> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">2</div> <div style="border: 1px solid black; padding: 2px 5px; font-size: 8px;">= CA / AMT / TEND</div> </div> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px 5px; font-size: 8px;">SUB TOTAL</div> </div> <p>P3 appears in mode display</p> <p>Program set code No. for tax table 1</p> <p>9% tax</p> <p>90 for round up and 02 for Add On.</p> <p>(to end the setting)</p>	<p>Setting the Tax table 1</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;"> <table style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: center;">CANADA</td></tr> <tr><td style="text-align: center;">QUEBEC</td></tr> <tr><td style="text-align: center;">9%</td></tr> <tr><td style="text-align: center;">9</td></tr> <tr><td style="text-align: center;">9002</td></tr> </table> </div>	CANADA	QUEBEC	9%	9	9002
CANADA						
QUEBEC						
9%						
9						
9002						
<p>• Tax table 1 programming is used for the tax table includes break points and tax rate.</p> <p>Example 2: Set Ontario tax 10%.</p> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">3</div> <div style="border: 1px solid black; padding: 2px 5px; font-size: 8px;">SUB TOTAL</div> </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">0</div> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">2</div> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">2</div> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">5</div> <div style="border: 1px solid black; padding: 2px 5px; font-size: 8px;">SUB TOTAL</div> </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">1</div> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">0</div> <div style="border: 1px solid black; padding: 2px 5px; font-size: 8px;">= CA / AMT / TEND</div> </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">5</div> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">0</div> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">0</div> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">4</div> <div style="border: 1px solid black; padding: 2px 5px; font-size: 8px;">= CA / AMT / TEND</div> </div> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px 5px; font-size: 8px;">SUB TOTAL</div> </div> <p>P3 appears in mode display</p> <p>Program set code No. for tax table 2</p> <p>10% tax rate</p> <p>50 for Round off and 04 for tax on tax code</p> <p>(to end the setting)</p>	<p>Setting the Tax table 2</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;"> <table style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: center;">CANADA</td></tr> <tr><td style="text-align: center;">ONTARIO</td></tr> <tr><td style="text-align: center;">10%</td></tr> <tr><td style="text-align: center;">10</td></tr> <tr><td style="text-align: center;">5004</td></tr> </table> </div>	CANADA	ONTARIO	10%	10	5004
CANADA						
ONTARIO						
10%						
10						
5004						
<p>• Tax table 2 programming can set tax rate and the tax table includes Tax-on Tax code (5004) as above example, but not for a tax break point.</p> <p>Tax status for the Departments are fixed as follows:</p> <p>Departments 1~4: Taxable status 1 and 2.</p> <p>Departments 5~8: Non-Taxable status.</p> <p>• See page 18 to change the fixed tax status.</p>						

FOR PROGRAMMING ASSISTANCE, PLEASE CALL TOLL FREE 1-800-661-2274 in Canada

**Tax Tables for USA**

**A**

ALABAMA							
4%	5%	6%	6%	6% (4+1+1)	7%	8%	
0	0	0	0	0	0	0	
1	1	1	1	1	1	1	
1	1	1	1	1	1	1	
10	10	8	9	10	7	6	
30	29	24	20	20	21	18	
54	49	41	40	36	35	31	
73	69	58	55	54	49	43	
110	89		70	70	64	56	
	110		90	85	78	68	
			109	110	92	81	
					107	93	
						106	

ALASKA							
KENAI		HOMER/ SELDOVIA	HAINES	JUNEAU	KENAI	KENAISEWARD & SOLDOTNA	
2%	3%	3%	4%	4%	5%	5%	6%
0	0	0	0	0	0	177	6
1	1	1	1	1	1	184	2
1	1	1	1	1	1	218	29
10	10	4	2	1	6	1	29
30	29	25	19	12	13	09	29
54	49	34	37	37	25	29	49
73	69	75	62		46	49	69
110	89	127			75	69	89
	110	155			79	89	109
		183	177		118	109	139
		216	227		127	129	159
					151		

ARIZONA						
4%	5%	6%	6.5%	6.7%	7%	
0	0	0	175	0	161	0
1	1	1	191	1	176	1
1	5	9	7	192	7	186
12	10	10	7	207	7	201
37	27	22	23	223	22	216
	47	39	38	238	37	231
	68	56	53	253	52	246
	89	73	69	269	67	261
	109	90	84	284	82	276
		107	99	299	97	291
		125	115		111	107
		141	130		126	
		158	146		141	

ARKANSAS						
3%	4%	5%	6%	7%	7.5%	
0	0	0	0	0	0	0
1	1	1	1	1	1	1
1	1	1	1	1	1	2
14	12	10	8	7	6	6
44	37	20	24	21	19	19
74		40	41	36	33	33
114		60	58	49	46	46
		80		64		64
		110		78		78
				92		92
				107		107

**C**

CALIFORNIA													LOS ANGELES					
6%	6.25%	6.5%	6.75%	7%	7.25%	7.25%	7.5%	7.75%	8.25%	8.5%	10%	Parking						
0	141	0	0	130	299	675	0	121	278	7.25	0	7.75	8.25	0	99	0	99	
1	158	1	1	146	5002	5002	1	135	292	5002	10	3	5002	5002	1	111	1	99
7		7	7	161		10	8	149	307	10	10	6			1	123	11	104
10		10	10	176		20	10	164	20	20	19	8			5	135	99	114
22		21	20	192		34	20	178	32	32	32	19			17	147	99	124
39		37	35	207		48	33	192	46	46	46	33			29	158	99	134
56		54	51	223		64	47	207	60	60	60	46			41	170	99	144
73		70	67	238		80	62	221	74	74	74	59			52	182	99	154
90		86	83	253		96	76	235	88	88	88	73			64	194	99	
108		103	99	269		111	91	249	103	103	103				76	205	99	
124		119	115	284		107	264	117	117	117	117				88		99	

COLORADO																				
LOVELAND																				
1.5%	2%	2.5%	3%	3.5%	3.6%	3.85%	4%	4.5%	5%	5%	5.25%	5.5%	5.6%	5.75%	6%	6.35%	6.4%	6.45%		
0	0	0	0	0	0	264	0	0	0	211	0	0	5.25	0	172	0	168	0	165	0
1	1	1	1	1	1	291	1	1	1	233	1	1	5002	1	190	1	186	1	182	1
1	1	1	3	2	5	319	2	2	5	255	2	1		6	209	7	204	8	199	2
33	24	19	17	17	17	347	16	17	17	277	17	18		17	227	16	222	17	217	17
99	74	59	49	42	41	375	37	37	33	299	29	18		27	245	25	240	26	24	24
166			83	71	69		63	62	55		49	51		45	263	43	43	43	41	41
233			116	99	97				77			68		63	281	61	60	60	58	58
			149	128	124				99			84		81	299	79	78	78	74	74
			183	157	152				122			118		99	97	95	95			
				185	180				144			118		118	115	113	113			
				214	208				166			136		136	132	130	130			
				242	236				188			154		154	150	147	147			

COLORADO													
6.5%	6.6%	7%	7.01%	7.1%	7.2%	7.25%	7.3%	7.5%	8%				
0	146	6.6	0	135	7.01	7.1	0	131	7.25	0	130	0	0
1	161	5002	1	149	5002	5002	1	145	5002	1	143	1	1
2	176		4	17			2	159		3	157	3	1
17	192		17	21			17	173		6	171	17	6
23	207		21	35			20	187		20	19	18	
36	223		35	49			34	201		34	33	31	
53			49	64			48	215		47	46	43	
69			64				62	229		61	59	56	
84			78				76	243		75	73	68	
99			92				90	256		89	81	76	
115			107				104			102	93	88	
130			121				118			116	106	101	

CONNECTICUT				
5.25%	6%	7%	7.5%	8%
0	198	0	0	0
1	218	1	1	1
2		2	1	3
16		8	7	6
27		24	21	19
46		41	35	33
65		58	49	46
84		74	64	59
103		91	78	73
122		108	92	
141		124	107	
160				
179				

**D**

DISTRICT OF COLUMBIA					
D.C.	D.C.	D.C.	D.C.	D.C.	D.C.
5%	5.75%	6%	6%	6%	7.3%
0	5.75	0	0	0	0
1	5002	1	1	1	1
1	08	1	1	1	6
10		12	8	12	6
22		17	24	16	16
42		35	41	27	27
62		53	58	39	38
82		71	74	50	49
110		89	91	62	61
		112	108	75	72
				90	83
				112	94

**F**

FLORIDA					
PANAMA CITY BEACH					
4%	5%	Combined 5.25%	6%	6.2%	7%
0	175	0	5.25	0	6.2
1	209	1	5002	1	5002
5		1		1	
9		9		9	
25		20		16	
50		40		33	
75		60		50	
109		80		66	
125		109		83	
150				109	
				107	
				123	
				138	
				153	
				169	
				184	
				209	
				26	
				42	
				57	
				71	
				85	

**G**

GEORGIA			
3%	4%	5%	6%
0	0	0	0
1	1	1	1
1	1	1	1
10	10	10	10
35	25	20	20
66	50	40	35
110	75	60	50
	110	80	67
		110	85
			110

**H**

HAWAII
4%
0
1
1
1
12
37

# Part-1 QUICK START OPERATION

**I**

IDAHO			
3%	4%	4.5%	5%
0	0	0	227
1	1	1	1
1	2	2	2
15	11	15	11
42	32	27	25
72	57	49	45
115		71	
		93	
		115	
		137	
		160	
		183	
		205	

ILLINOIS													
1%	1.25%	2%	5%	6%	6.25%	6.5%	6.75%	7%	7.5%	7.75%	8%	8.75%	
0	0	0	0	0	0	0	161	6.75	0	0	7.75	0	8.75
1	1	1	1	1	1	1	176	5002	1	1	5002	1	5002
1	1	1	6	1	1	1	192	1	1	06	1	05	
49	39	24	12	8	7	7	207		8	6		6	
148	119	74	25	24	23	23			22	19		18	
			46	41		58			36	33		31	
			67	58		33			50	46			
			88			69			65				
			109			84			79				
			129			99			93				
						115			108				
						130							
						146							

INDIANA				
1%	4%	5%	MARION County	RESTAURANT
0	0	0	0	0
1	1	1	1	1
1	2	1	2	1
49	15	9	15	9
148	37	29	37	29
	62		49	49
			62	49
			87	69
			112	89
			137	109

**K**

IOWA		
4%	5%	6%
0	0	0
1	1	1
3	1	1
12	9	8
37	29	24
50		48
75		51
		74
		91
		108

KANSAS																				
2.5%	3%	3.1%	3.25%	3.5%	3.75%	4%	4.1%	4.5%	5%	5.25%	5.5%	5.85%	5.9%	6%	6.15%	6.4%	6.5%			
0	0	3.1	0	323	0	0	279	0	4.1	0	0	5.25	0	190	5.65	5.9	0	6.15	6.4	6.5
1	1	5002	1	353	1	1	306	1	5002	1	1	5002	1	209	5002	5002	1	5002	5002	5002
1	1	16	1	384	1	1	333	1	12	1	1	1	1	1	08	08	7	08	07	07
19	16		15	415	14	13	359	12		11	9		9				8			
59	49		46		42	39	386	37		33	29		27				24			
99	83		76		71	66	413	62		55			45				41			
139	116		107		99	93		87		77			63				58			
179			138		128	119		112		99			81				74			
			169		157	146				122			99				91			
			199		185	173				144			118				108			
			230		199					166			136				124			
			261		226					188			154				141			
			292		253					211			172				158			

9.5%	10%	
0	110	0
1	121	1
1	131	1
05	142	04
15	152	14
26	163	24
36	173	34
47	184	44
57	194	54
68		64
78		74
89		84
99		94

**L**

KENTUCKY	
5%	6%
0	0
1	1
6	2
10	8
25	24
46	41
67	58
88	74
109	
129	

**M**

LOUISIANA										
2%	3%	4%	4.5%	5%	6%	6%	7%	7.5%	8%	9%
0	0	0	0	0	0	0	161	0	0	0
1	1	1	1	1	1	1	176	1	1	1
2	2	2	1	6	2	17	192	1	2	7
24	16	12	11	10	8	7	207	7	6	4
74	49	37	33	27	24	23	223	21	19	16
124	82	62	55	47	41	38	238	35	33	29
174	116	87	77	67	58	53	253	49	46	42
224	149	112	99	87	74	69	269	64	59	55
			122	109		84	284			67
			144	129		99	299			80
			165			115	315			93
			188			130	330			106
			211			146				105

MAINE		
5%	6%	7%
0	0	7
1	1	0002
1	1	7
10	09	21
20	16	35
40	33	49
60	50	64
80	66	78
110	83	92
	109	100

MARYLAND		
4%	5%	Meals Tax
0	0	0
1	1	1
2	2	7
24	19	99
25	20	99
50	40	99
		99
		100
		120
		140

MASSACHUSETTS		
4.925%	5%	
0	227	0
1	248	1
13	270	1
10	291	9
32	313	29
54	335	
75	356	
97	378	
118	399	
140	421	
162	443	
183		
205		

MICHIGAN	
4%	6%
0	0
1	1
7	2
12	10
31	24
54	41
81	58
108	74
135	91
162	108
187	124

MINNESOTA					
6%	6.5%	7%	8.5%	8.5%	
0	0	161	0	0	123
1	1	176	1	1	135
1	1	192	1	1	147
8	7	207	7	5	158
24	23		21	17	170
41	38		35	29	182
58	53		49	41	194
	69		64	52	205
	84		78	64	
	99		92	76	
	115		107	88	
	130			99	
	146			111	

MISSISSIPPI					
5%	6%	7%	8%	9.5%	9.25%
0	0	0	0	0	123
1	1	1	1	1	135
6	1	1	1	1	147
11	8	7	6	5	158
26	24	21	18	17	170
47	41	35	31	29	182
68	58	49	43	41	194
88	74	64	56	52	205
109	91	78	68	64	216
129	108	92	81	76	227
		107	93	88	238
			106	99	249
				111	260

MISSOURI																		
4.225%	4.6%	4.625%	4.725%	4.75%	4.8%	4.975%	5.05%	5.1%	5.225%	5.6%	5.625%	5.725%	6.1%	6.225%	6.3%	6.425%	6.475%	
0	0	0	227	0	0	0	0	211	0	0	5.225	0	187	0	5.725	0	0	188
1	1	1	248	1	1	1	1	1	1	1	5002	1	205	1	5002	1	1	184
1	1	13	270	4	3	3	1	5	1	15	223	1	8	8	200	8	198	1
11	10	10	291	10	10	10	10	9	9	8	241	8	8	8	216	7	214	7
35	32	32	313	31	22	31	30	19	29	26	258	26	24	24	232	23	230	23
59	54	54	335	52	43	52	50	39	49	44	276	44	40	40	248	39	246	38
82	76	75	356	74	65	72	70	59	68	62	294	62	57	56	265	55	246	54
	97	97	378	95	86	93	90	79	88	80	312	79	73	72	71	71	70	70
			399	116	107	114	110	98	107	98	330	97	90	88	87	85	85	84
			421	137	128	135	130	118		115	348	115		104	103	101	101	100
			443	158	149	156	150	136		133	366	133		120	119	116	116	115
			183	179	170	177	170	158		151	383	151		136	134	132	131	316
			205	201	190		178	178		169		168		152	150	147	146	332

**N**

NEBRASKA			
6.55%	6.725%	7.225%	
0	160	6.725	7.225
1	175	5002	5002
9	190		
7			
22			
38			
53			
68			
83			
99			
114			
129			
145			

NEBRASKA								
3%	3.5%	4%	4.5%	5%	5.5%			
0	0	0	0	233	0	0	190	0
1	1	1	1	255	1	1	209	1
3	3	2	6	277	2	2	227	1
16	14	14	14	299	14	14	8	
49	42	37	33	322	29	27	24	
83	71	62	55		49	45	41	
116	99	77	69		77	63	58	
149	128	99	91		99	81		
183	157	122	109		122	99		
	185	144	118		144	118		
	214	166	136		166	136		
	242	188	154		188	154		
	271	21						

**Part-1 QUICK START OPERATION**

**N**

NEW HAMPSHIRE		
7%	Rooms & Meals	Rooms & Meals
	7%	8%
0	129	0
1	143	1
8	158	8
14	172	35
26	186	35
39	201	35
51	50	37
63	62	50
75	74	62
88	87	
101	100	
115	114	

NEW JERSEY				
3%	3.5%	6%	7%	
0	0	0	0	150
1	1	1	1	164
1	1	1	8	178
17	14	10	10	192
41	42	22	21	207
71	71	38	35	
117	100	56	50	
	128	72	64	
	157	88	78	
	185	110	92	
	214		107	
			121	
			135	

NEW MEXICO											
3.75%	4.25%	4.375%	4.5%	4.875%	5.175%	5.25%	5.375%	5.675%	5.75%		
0	280	0	247	0	239	0	4.875	5.175	0	199	5.375
1	306	1	270	1	1	1	5002	5002	1	217	5002
6	333	1	294	1	1	1				11	
13	359	11	317	11	11	11				9	
40		35	341	34	33	33				28	
67		58	364	57	55	55				47	
93		82	388	79	78	78				66	
120		105	411	102	100	100				85	
146		129		125	122	122				104	
173		152		148	144	144				123	
200		176		171	167	167				142	
226		199		194	189	189				161	
253		223		217	211	211				180	

Part-1

5.187%	5.1875%
0	6.187
1	5002
4	8
9	
23	
40	
56	
72	
88	
104	
120	
136	
153	

NEW YORK														ERIE		SUFFOLK County					
4%	5%	5.25%	5.75%	6%	6.25%	6.5%	6.75%	7%	7.25%	7.5%	8.5%	8%	8%	8.25%							
0	0	5.25	5.75	0	141	0	0	130	6.75	0	121	7.25	0	113	8.5	0	105	0	106	8.25	
1	1	1	5002	5002	1	158	1	1	146	5002	1	135	5002	1	126	5002	1	119	1	118	5002
7	7				10	7	1	161	19	8	149	8	139	10	131	9	10	131	9	131	
10	10				17	10	7	176	37	10	164	10	164	10	144	10	17	17	17	10	
22	22				22	22	23	192	20	178	18	18		10	144	17	17	17	17	29	
38	38				38	38	38	207	33	192	31	31				29	29	29	29	42	
56	56				56	54	53		47	207	45	45				42	42	42	42	54	
72	72				72	70	69		62		58	58				55	55	55	55	67	
88	88				88	86	84		76		71	71				67	67	67	67	79	
104	104				108	103	99		91		85	85				80	80	80	80	92	
120	120				124	119	115		107		99	99				92	92	92	92		

NORTH CAROLINA						
CHEROKEE Reservations						
3%	4%	4.5%	5%	6%	6%	6%
0	0	0	188	0	0	0
1	1	1	211	1	1	1
4	5	6	233	6	2	2
9	9	9	255	8	10	8
35	29	25	277	23	24	24
70	59	53	299	48	41	41
116	84	75	322	67	58	58
149	112	95		85	74	74
183	137	122		109		91
216	144	144		129		0108
	168					0124

NORTH DAKOTA										
3%	4%	4%	5%	5.5%	6%	6.5%	7%	8%		
0	0	0	0	0	182	0	0	170	0	0
1	1	1	1	1	200	1	1	185	1	1
3	5	2	2	2	219	3	2	200	2	3
15	15	15	15	15	15	15	15	216	15	15
33	31	25	20	19	17	31	231	15	15	15
67	51	50	40	37	37	34	47	29	25	25
100	71	75		55	50	62	43	38	38	38
133	100	100		73	67	77	58	50	50	50
166	125	125		91	84	93	72	63	63	63
				110		108	86	75	75	75
				128		124	100	88	88	88
				146		139	115	100	100	100
				164		154				

**O**

OHIO														
MEIGS Co.					CUYAHOGA Co.									
5%	5.5%	5.75%	6%	6.25%	6.5%	7%	7.5%	7.75%						
0	0	146	5.75	0	0	134	0	0	123	0	115	0	115	7.75
1	1	164	5002	1	1	1	1	1	138	1	128	1	128	5002
2	2	182		2	3	2	2	3	153	3	3			
15	15	200		15	16	15	15	169	15	15	15			
20	18	218		17	17	16	15	184	15	15	15			
	36			34	34	32	30	200	28	28	28			
	54			50	50	46	46	215	42	42	42			
	72			67	67	61	61	230	57	57	57			
	90			83	83	76	76	71	71	71	71			
	109			100	100	92	92	85	85	85	85			
	127			117	117	107	107	100	100	100	100			

OKLAHOMA											
2%	3%	3.25%	4%	4.25%	4.5%	5%	5.25%	6%	6.25%	6.25%	
0	0	0	323	0	4.25	0	0	5.25	0	0	6.725
1	1	1	353	1	5002	1	1	5002	1	1	5002
1	1	1	384	1		2	1		1	1	
24	16	15	415	12		11	9		8	7	
	74	49	46	446	37		33	29		24	23
		83	76	476			55			41	
		116	107	507			77			58	
			138	538			99				
			169	569			121				
			199	599			144				

**P**

PENNSYLVANIA						
7%	7.25%	7.375%	8%	8.25%	9.25%	10.25%
0	7.25	7.375	0	0	0	0
1	5002	5002	1	1	1	1
6		6	1	1	4	1
8			6	6	5	4
22			18	18	16	14
37			31	30	27	24
51				42	37	34
65				54	48	43
79				66	59	
94				78	70	
108				90	81	
122				103	91	

**R**

RHODE ISLAND				
6%	7%			
0	0	150		
1	1	150		
1	5	167		
10	10	184		
17	17	210		
34	34	217		
50	50	234		
67	50	250		
84	67	250		
110	84			
	110			
	117			
	134			

**S**

SOUTH CAROLINA					
CHARLESTON					
4%	5%	6%			
0	0	0			
1	1	1			
1	1	1			
5	6	2			
10	10	10			
25	20	24			
50	40	41			
75	60	41			
112	90	58			
137	109	74			
	129	91			
	108				
	124				

SOUTH DAKOTA									
4%	5%	5.5%	6%	6.5%	7%				
0	0	0	190	0	0	161	0	149	
1	1	1	210	1	1	176	1	1	
1	1	1		1	1	192	4	7	
12	10	10		9	7	207	7	7	
37	30			28	26	23	21	21	
				46	43	38	35	35	
				64	60	53	49	49	
				82	78	69	64	64	
				100	92	84	78	78	
				118	109	99	92	92	
				136		115	107	107	
				154		130	121	121	
				172		146	135	135	

**T**

TENNESSEE																							
COUNTY TAX																							
4.5%	5.5%	6%	6.25%	6.5%	6.75%	7%	7.25%	7.5%	7.75%	8%	8.25%	8.5%	8.75%										
0	188	0	154	354	0	0	0	130	0	125	0	121	0	117	0	7.75	0	0	106	8.25	0	99	8.75
1	211	1	172	372	1	1	1	146	1	140	1	1	1	130	1	5002	1	1	118	5002	1	111	5002
1		11	190		2	2	2	161	8	155	2	10	144	2	2	2	2	2	118	5002	2	123	
33		10	209		10	10	10	176	10	170	10	10											

# Part-1 QUICK START OPERATION

TEXAS																								
															HOUSTON (Harris County)									
4%	4%	4.125%	4.625%	5%	5.125%	5.25%	5.375%	5.5%	5.625%	6%	DALLAS 6%	6%	6%	6%	6.125%	6.25%	6.25%	6.75%	7%	7%				
0	0	0	181	424	4,625	0	5,125	0	142	5,375	0	137	0	133	0	0	0	6,125	0	119	6,250	6,75	0	107
1	1	1	206	5002	1	5002	1	181	5002	1	55	1	151	1	1	1	1	5002	1	1	5002	5002	1	1
12	12	12	254	1	9	12	180	1	173	1	168	1	1	1	1	1	1	1	1	1	1	1	1	
37	37	36	278	29	28	219	27	209	26	24	25	24	24	23	23	23	23	23	23	23	23	23	21	
62	60	303	49	47	236	45	45	44	44	41	42	41	41	39	39	39	39	39	39	39	39	35	35	
87	84	327	69	66	85	63	63	62	62	58	59	58	58	55	55	55	55	55	55	55	55	49	49	
	109	351		85	81	79	79	79	79	74	74	74	74	71	71	71	71	71	71	71	71	64	64	
	133	375		104	99	97	97	97	97	91	91	91	91	87	87	87	87	87	87	87	87	78	78	
	157	399		123	118	115	115	115	115	108	108	108	108	103	103	103	103	103	103	103	103	92	92	

7.25%	7.5%	7.75%	8%	8.25%	
7.25	0	0	96	0	8.25
5002	1	1	109	1	5002
	1	5	122	1	
	6	6	135	6	
	19	19	148	18	
	33	32	161	31	
	46	45	174		
	59	58	187		
	73	70			
	86	83			

UTAH											
4.75%	5%	5.25%	5.375%	5.5%	5.75%	6%	6.25%	7%	7.25%		
0	221	0	0	199	0	0	190	5.75	0	0	7.25
1	242	1	1	219	1	1	209	5002	1	1	5002
1	263	1	1	238	1	1	2	4	2	2	0
10	284	9	9	257	9	9	8	7	7	7	0
31	305	29	28	276	27	27	24	23	21	21	0
52	326	29	27	295	26	26	41	27	35	35	0
73	347	47	47	314	46	45	58	47	49	49	0
94	368	85	83	333	83	81	74	63	64	64	0
115	389	104	102	352	102	99			78	78	0
136	410	123	118	371	118	118			92	92	0
157		142	136	390	136	136			107	107	0
178		161	154	409	154	154					0
199		180	172		172	172					0

VERMONT				
3%	4%	5%	6%	
0	0	0	0	
1	1	1	1	
4	2	2	0	
13	10	10	18	
33	25	20	31	
66	50	40	43	
100	80	56	56	
133	100	68	68	
166	120	81	81	
200	140	93	93	
		100	100	

VIRGINIA																			
ARLINGTON COUNTY			FAIRFAX		FAIRFAX CITY		HAMPTON		LEESBURG		RICHMOND		NEWPORT NEWS		RICHMOND		ROANOKE CITY		
4%	4%	4%	4.5%	5.5%	6.5%	7%	7%	7%	7%	7%	7.5%	7.5%	7.5%	7.5%	7.5%	8%	8.5%	9%	
0	214	484	0	188	0	149	0	124	0	114	0	0	0	116	0	0	114	0	99
1	234	512	1	211	1	166	1	144	1	134	1	1	1	122	1	1	114	1	112
21	259	537	2	233	4	188	1	166	13	149	1	1	1	144	2	5	134	1	122
14	284		12	255	11	211	11	174	14	159	7	14	11	149	6	14	134	11	137
34	314		37	277	14	233	24	188	29	184	21	14	16	166	19	34	159	12	144
59	334		62	299	33	249	33	211	34	184	35	34	33	183	33	44	166	33	162
84	359		87	325	55	255	55	211	44	214	49	59	49	188	46	44	183	37	168
114	384		112	349	77	277	77	211	59	234	64	59	55	211	59	59	199	55	187
134	414		137	372	99	299	99	234	74	254	78	84	77	234	77	59	211	62	188
159	434		144	399	122	324	122	259	84	274	92	84	83	254	84	84	234	77	211
0184	459		166	424	144	349	144	284	114	299	107	114	99	274	84	84	254	87	

VIRGINIA								
NORFOLK CITY		CITY OF RICHMOND		9.5%				
Meal tax	9%	Food tax	9.5%	9.5%	9.5%			
0000	99	211	0	89	205	0	89	209
0001	99	233	1	99	1	1	99	
6	122	233	1	110	1	1	109	
11	122	5	121	9	122	9	122	
33	144	15	131	11	129	11	129	
44	144	26	142	29	144	29	144	
44	166	36	152	33	149	33	149	
55	166	47	163	49	166	49	166	
55	188	57	173	55	169	55	169	
77	188	68	184	69	188	69	188	
77	211	78	194	77	189	77	189	

WASHINGTON																
7%	7.2%	7.3%	7.5%	7.55%	4.125%	7.8%	7.9%	8%	8.1%	8.1%	Combined					
0	0	131	0	129	0	126	0	0	124	282	7.8	0	0	0	117	8.1
1	1	1	1	143	1	139	1	1	138	0002	1	1	1	1	129	0002
1	1	1	1	156	1	153	2	3	151	7	2	1	14	141	6	
7	6	6	6	170	6	166	7	6	164	19	6	6	6	154	18	
21	20	19	184	19	179	19	19	177	32	18	18	18	18	166	30	
35	34	33	198	33	193	33	32	190	44	31	31	31	30	179	43	
49	48	47	211	46	206	46	46	203	57	44	44	43	43	191	55	
64	62	61	225	59	217	59	59	217	70	56	55	55	55	203	67	
78	76	74	239	73	234	72	72	230	83	67	67	67	67	211	80	
92	90	88	252	86	247	86	85	243	98	78	78	78	78	224	92	
107	104	102	269	99	264	99	98	256	111	89	89	89	89	234	104	
		118	115	113		113		269								

WEST VIRGINIA				
2%	3%	4%	5%	6%
0	0	0	0	0
1	1	1	1	1
2	2	2	2	2
25	5	12	5	5
50	35	37	20	16
100	70	40	33	33
	100		50	50
	135		67	67
			84	84
			100	100
			116	116

WISCONSIN			
4%	5%	5.5%	
0	0	0	190
1	1	1	209
1	1	1	
12	10	9	
37	21	27	
	41	45	
	61	63	
	81	81	
	110	99	
		118	
		138	
		154	
		172	

WYOMING			
3%	4%	5%	6%
0	0	0	0
1	1	1	1
2	2	2	3
24	24	24	24
49	37	29	24
83	62	49	34
116	69	51	34
149	89	68	34
	109	84	

## Tax Table for CANADA

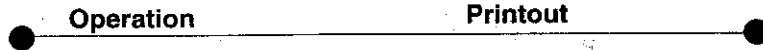
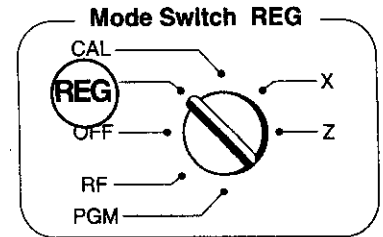
CANADA										
NOVA SCOTIA <sup>2</sup>	ONTARIO <sup>2</sup>	QUEBEC <sup>2</sup>	NEWFOUNDLAND <sup>2</sup>	ONTARIO <sup>1</sup>	BRITISH COLUMBIA <sup>1</sup>	MANITOBA <sup>1</sup>	SASKATCHEWAN <sup>1</sup>	ONTARIO	N.B. & P.E.I. <sup>1</sup>	QUEBEC
10%	10%	10%	12%	12%	6%	6%	7%	8%	9%	
10	10	10	12	0	0	6	7	0	9	
5004	5004	5004	5004	1	1	5002	5002	1	9002	
				4	2			3		
				25	14			25		
				25	24			25		
				25	41			31		
				29	58			43		
				37	74			56		
				45						
				54						

\*1 Must be programmed into Tax Table 1.  
\*2 Must be programmed into Tax Table 2.

## 4. Basic Operation after Basic Programming

**Note:**

Whenever an error is generated (E01 displayed), the input figures reset to 0.



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

#/NS

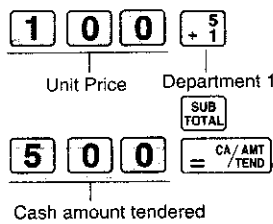
..... NS

No Sales Symbol

### 4-2 Basic operation

Example

Unit Price	\$1.00
Quantity	1
Dept.	1
Cash Amount tendered	\$5.00



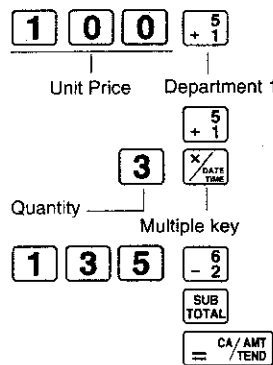
•1.00 1\* Unit Price/Department No.  
 •1.00 TA Subtotal  
 •0.04 TX Tax  
 •1.04 ST  
 •5.00 CA Cash Amount Tendered  
 •3.96 CG Change Amount Due

Departments 5 through 8 can also be registered in combination with the DEPT SWPT and  $\left[ \begin{smallmatrix} 5 \\ + \\ 1 \end{smallmatrix} \right]$ ,  $\left[ \begin{smallmatrix} 6 \\ - \\ 2 \end{smallmatrix} \right]$ ,  $\left[ \begin{smallmatrix} 7 \\ \times \\ 3 \end{smallmatrix} \right]$  or  $\left[ \begin{smallmatrix} 8 \\ \div \\ 4 \end{smallmatrix} \right]$  keys, respectively.

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

Example

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



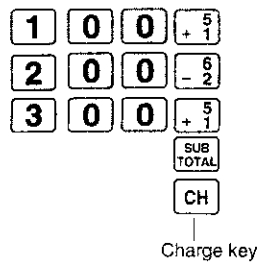
•1.00 1\*  
 •1.00 1\* Repeat  
 3 x Multiplication Symbol  
 •1.35 @ Unit Price Symbol  
 •4.05 2\* Department No.  
 •6.05 TA  
 •0.24 TX  
 •6.29 CA

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

### 4-4 Charge sales

Example

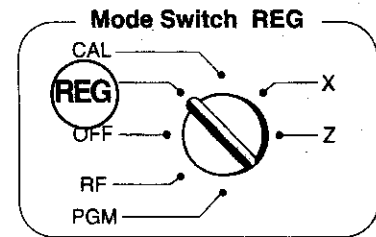
Unit Price	\$1.00	\$2.00	\$3.00
Quantity	1	1	1
Dept.	1	2	1



•1.00 1\*  
 •2.00 2\*  
 •3.00 1\*  
 •6.00 TA  
 •0.24 TX  
 •6.24 CH Charge Sales

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

# Part-1 QUICK START OPERATION

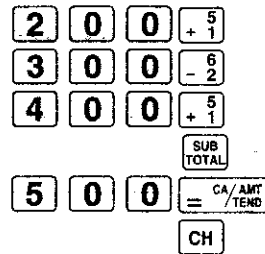


## 4-5 Split cash/charge sales

Example

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

Operation



Printout

```

•2.00 1*
•3.00 2*
•4.00 1*
•9.00 TA
•0.36 TX
•9.36 ST
•5.00 CA — Cash Amount Tendered
•4.36 CH — Charge Sales
    
```

## 4-6 Corrections

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

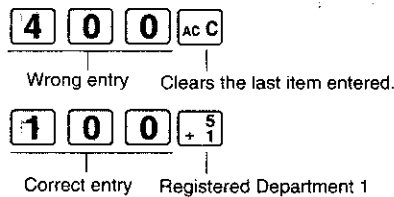
### 4-6-1 Before you press a department key

**AC C** key clears the last item entered.

Example

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

Operation

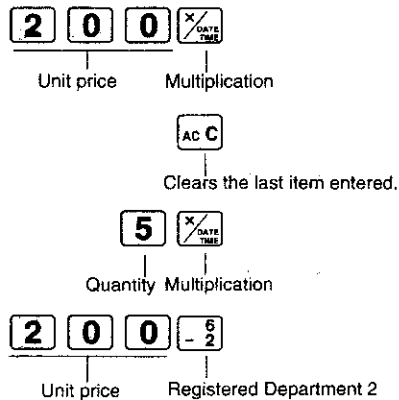


Printout

```

•1.00 1*
    
```

- Entered unit price first instead of quantity and then pressed **X/DATE TEND**.



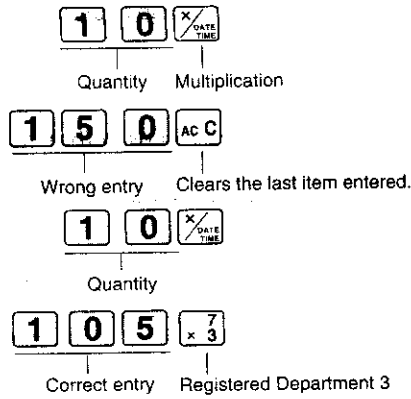
```

5 ×
•2.00 @
•10.00 2*
    
```

**Operation**

**Printout**

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



10 ×  
 •1•05 @  
 •10•50 3\*

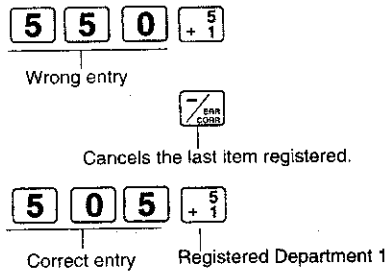
Part-1

**4-6-2 After you pressed a department key**

key cancels the last registered item.

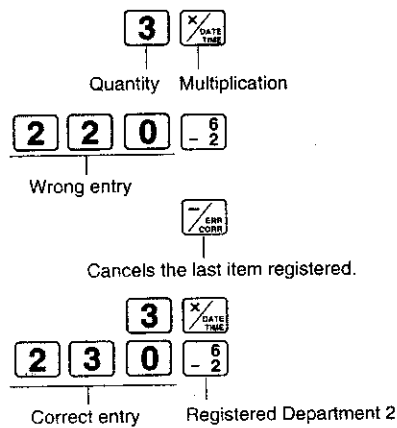
**Example**

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



•5•50 1\*  
 -5•50 VD  
 •5•05 1\*

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



3 ×  
 •2•20 @  
 •6•60 2\*  
 -6•60 VD  
 3 ×  
 •2•30 @  
 •6•90 2\*

## 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.

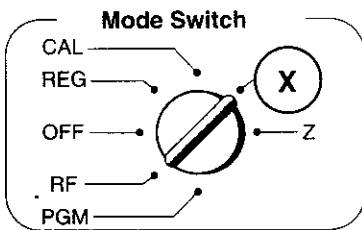
### Important

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

Printout



01-08-95	_____	Date
14-27 0072	_____	Time/Consecutive No.
	x _____	Read Symbol
67	* _____	Gross Sales No. of Items
•270•48	* _____	Gross Sales Amount
38	NT _____	Net Sales No. of Customers
•271•24	NT _____	Net Sales Amount
•197•57	CA # _____	Cash Total in Drawer
•18•19	CH # _____	Charge Total in Drawer
•45•48	*CK _____	Check Total in Drawer

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

Operation

Printout

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

Mode Switch to **(X)**  
(Read)



Mode Switch to **(Z)**  
(Reset)



Z (Reset) report

01-08-95	_____	Date
19-35 0073	_____	Time/Consecutive No.
0001	Z _____	Non-resettable No. of Resets/RESET Symbol*
48	1 _____	No. of Items/Dept. No.
•50•10	_____	Amount
28	2 _____	
•76•40	_____	
17	3 _____	
•85•80	_____	
4	4 _____	
•76•00	_____	
1	5 _____	
•6•50	_____	
0	6 _____	
•0•00	_____	
0	7 _____	
•0•00	_____	
10	8 _____	
•22•00	_____	
108	* _____	Gross Sales No. of Items
•316•80	* _____	Gross Sales Amount

Part-1

•0•50	-	Reduction Amount
•0•66	%+	Premium/Discount Amount
•105•10	TA	Taxable Amount for Tax Table 1
•4•20	TX	Tax Amount for Tax Table 1
•75•60	*TA	Taxable Amount for Tax Table 2
•3•97	TX 2	Tax Amount for Tax Table 2
46	NT	Net Sales No. of Customers
•325•13	NT	Net Sales Amount
•325•13	1	Clerk Sales Amount/ Clerk No.
44	CA	Cash Sales Count
•203•91	CA	Cash Sales Amount
3	CH	Charge Sales Count
•16•22	CH	Charge Sales Amount
2	CK	Check Sales Count
•105•00	CK	Check Sales Amount
•6•00	RA	Received On Account Amount
•10•00	PO	Paid Out Amount
3	VD	Error Correction Count
1	RF	Refund (by MODE operation) Count
•3•00	RF	Refund (by MODE operation) Amount
5	CA X	No. of  key operation
1	NS	No-sales Count
•199•91	CA #	Cash in Drawer
•16•22	CH #	Charge in Drawer
•105•00	*CK	Check in Drawer
000000		Non-resettable Grand Sales Total
0325•13		(printed only on RESET report)*2

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

**5-2-2 Periodic Read/Reset Report**

Operation

Printout

Mode Switch to **X** or **Z**

**1 0** = CA / AMT / TEND

01-08-95	_____	Date
19-50 0074	_____	Time/Consecutive No.
10	.... x	Read Symbol
67	*	Gross Sales No. of Items
•270•73	*	Gross Sales Amount
38	NT	Net Sales No. of Customers
•271•24	NT	Net Sales Amount



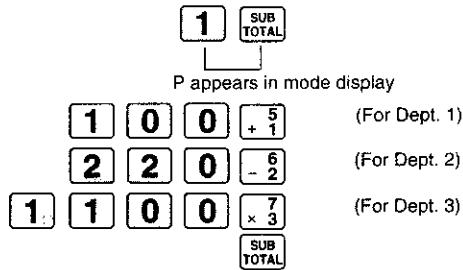
# CONVENIENT OPERATION

## 1. Various Programming

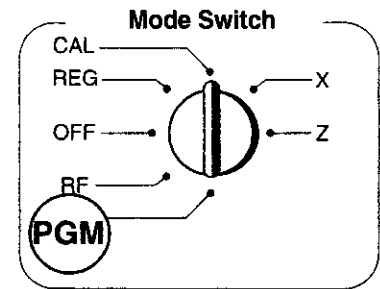
### 1-1 Unit price for Departments

Example

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



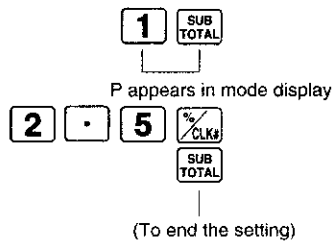
• Unit prices within the range of 0.01~9999.99.



### 1-2 Rate for percent key

Example

Discount Rate	2.5%
---------------	------



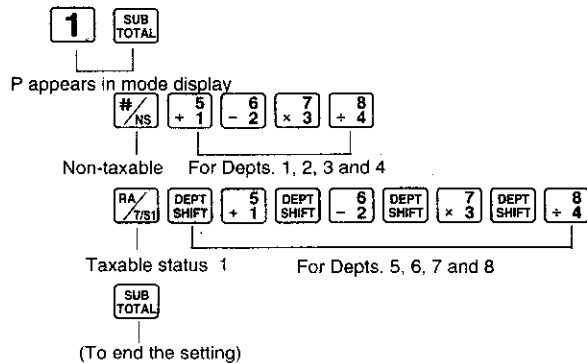
• The rate within the range of 00.01 to 99.99%.

### 1-3 To change tax status for Departments

Tax status for the Departments are fixed as follows:  
Departments 1~4: Taxable status 1 and 2.  
Departments 5~8: Non-Taxable status.

Example

Status	Non-taxable	Taxable 1
Depts.	1~4	5~8



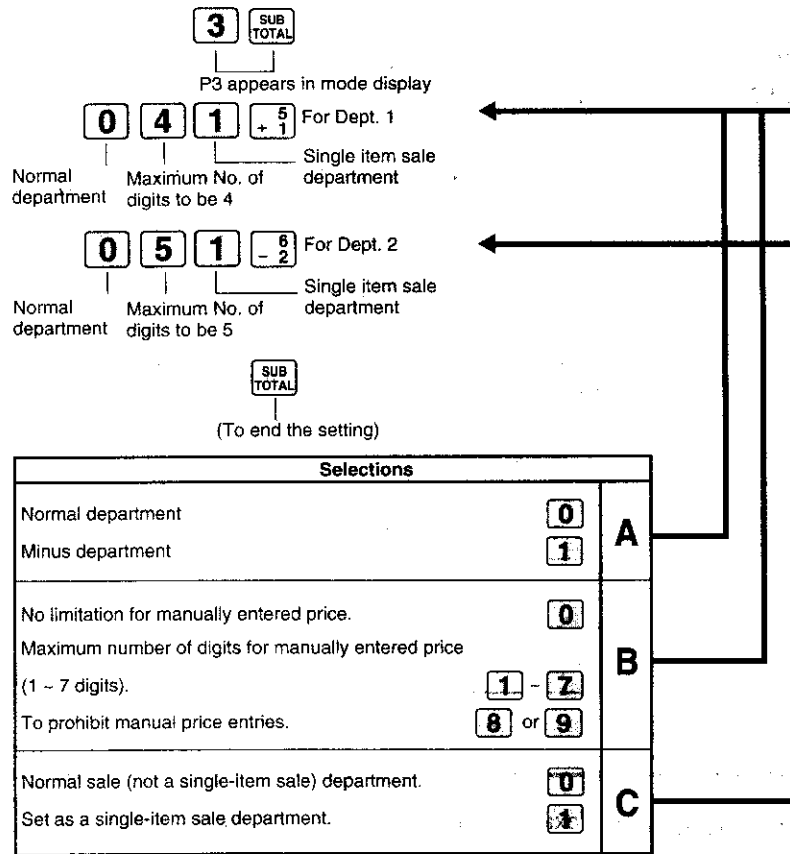
Selections	
Taxable status 1	RA/TST
Taxable status 2	PD/TST
Taxable status 1 and 2	RA/TST PD/TST
Non-taxable status	#/NS



### 1-4 Status for Department

Example

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



Part-2

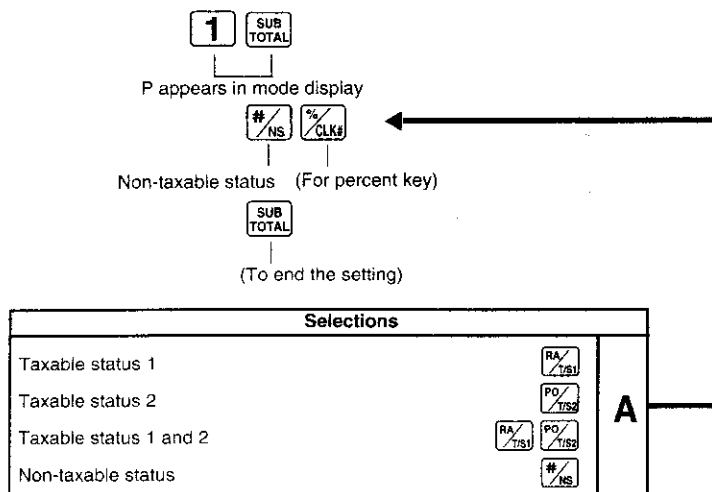
### 1-5 Status for percent key

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

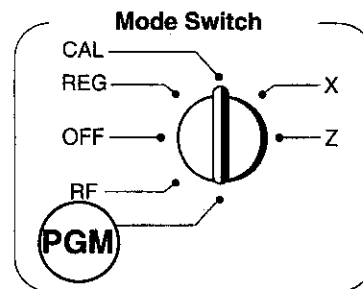
Taxable status 1 and 2 are fixed for the percent key.

Example

Change Percent key registration as a Non-taxable.



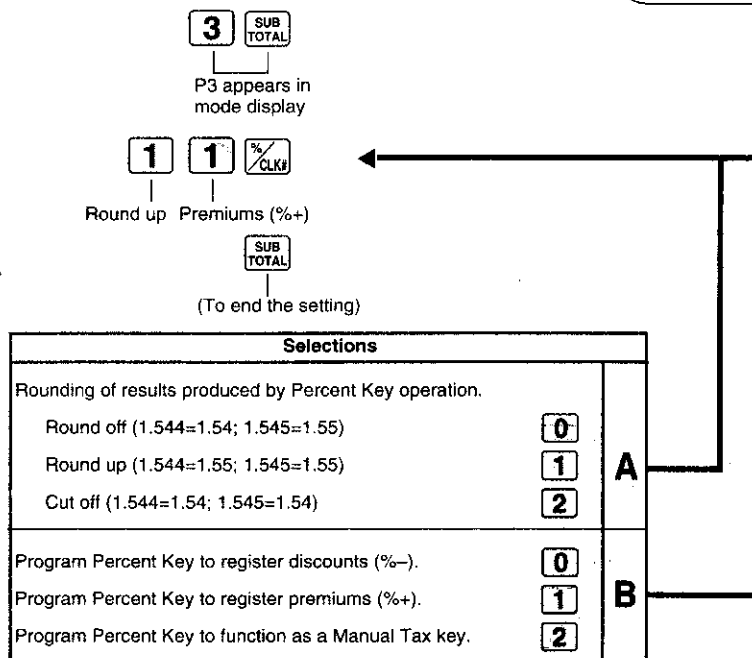
## Part-2 CONVENIENT OPERATION



### 1-5-2 Status for percent key

Example

Round	Up
Percent	%+

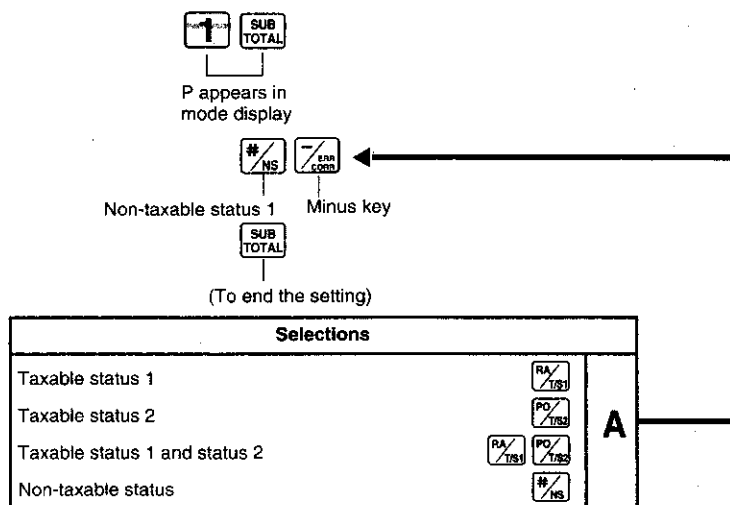


### 1-6 Taxable Status for minus key

Taxable status 1 and 2 are fixed for the minus key.

Example :

Change minus key registrations  
Non-taxable status.



### 1-7 General features

#### 1-7-1 To set general controls

3 SUB TOTAL  
 P3 appears in mode display

0 6 2 2 SUB TOTAL  
 Program code No.

0 0 0 = CA / AMT / TEND  
 Select a number from list A      (To end the setting)

Select a number from list B      Select a number from list C

Selections			
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.			
No	Yes	No	<span style="border: 1px solid black; padding: 2px;">0</span>
		Yes	<span style="border: 1px solid black; padding: 2px;">1</span>
	No	No	<span style="border: 1px solid black; padding: 2px;">2</span>
		Yes	<span style="border: 1px solid black; padding: 2px;">3</span>
Yes	Yes	No	<span style="border: 1px solid black; padding: 2px;">4</span>
		Yes	<span style="border: 1px solid black; padding: 2px;">5</span>
	No	No	<span style="border: 1px solid black; padding: 2px;">6</span>
		Yes	<span style="border: 1px solid black; padding: 2px;">7</span>

**A**

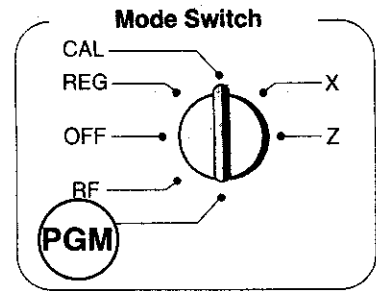
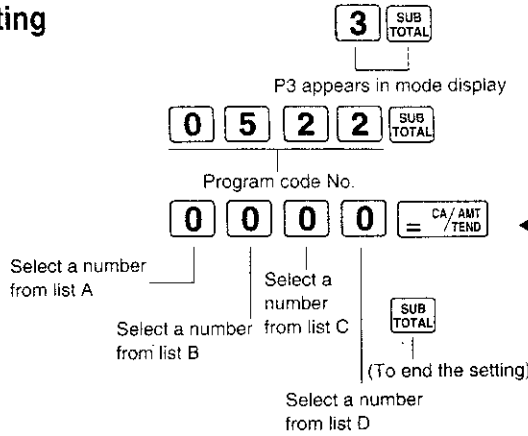
Selections			
Allow partial cash amount tendered.			
Allow partial check amount tendered.			
Yes	Yes	<span style="border: 1px solid black; padding: 2px;">0</span>	<b>B</b>
	No	<span style="border: 1px solid black; padding: 2px;">2</span>	
No	Yes	<span style="border: 1px solid black; padding: 2px;">4</span>	
	No	<span style="border: 1px solid black; padding: 2px;">6</span>	

Selections			
Use the <span style="border: 1px solid black; padding: 2px;">00</span> key as a 000 key.			
Cashier assignment systems (sign in) is used.			
No	No	<span style="border: 1px solid black; padding: 2px;">0</span>	<b>C</b>
	Yes	<span style="border: 1px solid black; padding: 2px;">1</span>	
Yes	No	<span style="border: 1px solid black; padding: 2px;">2</span>	
	Yes	<span style="border: 1px solid black; padding: 2px;">3</span>	

Part-2

# Part-2 CONVENIENT OPERATION

## 1-7-2 To set printing controls



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

**A**

Selections	
Print zero-total item on the General Control Read/Reset Reports.	0
Do not print zero-total item on the General Control Read/Reset Reports.	1

**B**

Selections		
Print RF switch mode refund count/amount on the General Control Read/Reset Reports.		
Print the grand sales total on the General Control Read/Reset Reports.		
Print the time on the receipt and journal.		
Yes	No Yes	0
	No No	1
Yes	Yes Yes	2
	No No	3
No	No Yes	4
	No No	5
Yes	Yes Yes	6
	Yes No	7

**C**

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

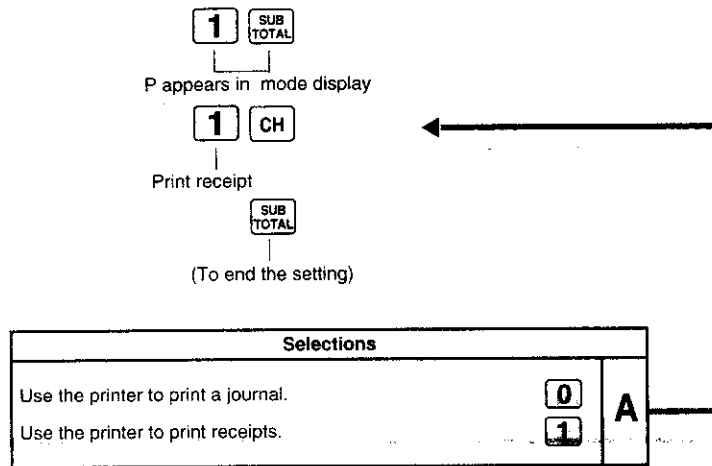
**D**

**1-7-3 Printer switch for Receipt or Journal**

The printer is fixed as journal after initialized operation.

Example

To print a receipt.



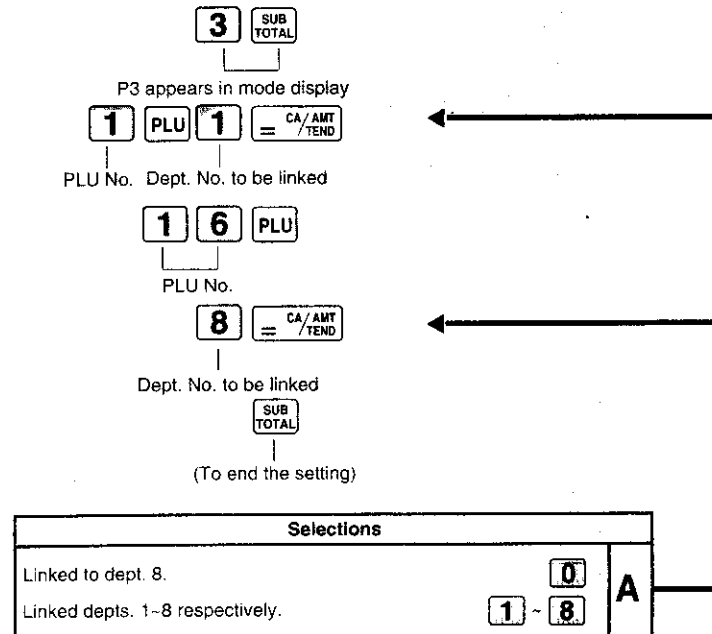
• Printer selection to print a journal or receipts can also be set on procedures 1-7-2 "To set printing controls".

**1-8 PLU setting**

**1-8-1 Linkage with Departments**

Example

PLU No.	1	16
Link Dept. No.	1	8



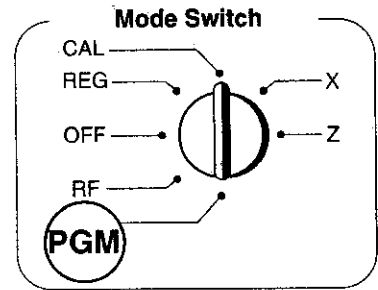
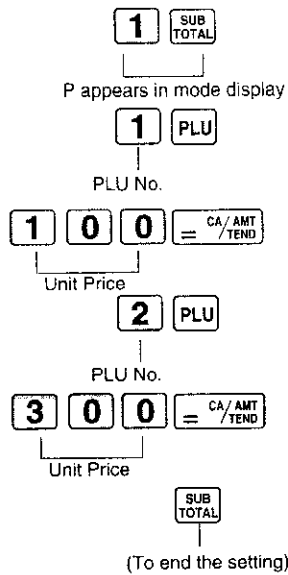
- 16 PLUs can be set.
- When the linked department is not specified, the PLU is linked to department 8.
- Status for a single-item sale, minus status and tax status are followed the specified linked department.

## Part-2 CONVENIENT OPERATION

### 1-8-2 Unit Prices for PLUs

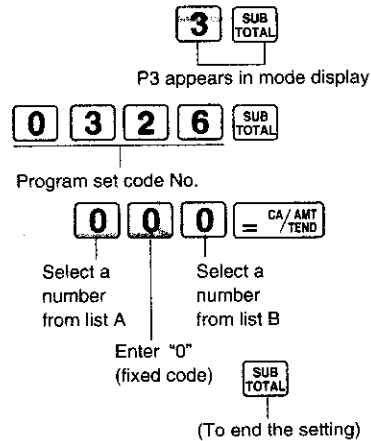
Example

PLU No.	1	2
Unit Price	\$1.00	\$3.00



• Unit prices within the range of \$0.01~999.99.

### 1-9 To control Tax Status printing



Selections	
Print Tax status symbols.	0
Do not print Tax status symbols.	2

**A**

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

**B**

1-10 Printing to read All Preset Data

1-10-1 Printing preset data except PLU settings

Operation

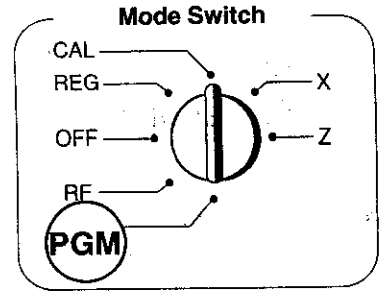
Printout

CA/AMT  
= /TEND

01-08-95	_____	Date
14-24 0070	_____	Time/Consecutive No.
	x _____	Read Symbol
1.....1.00	* _____	Dept. No./Unit Price/Tax Status
.041	_____	Normal Dept./Digit Limit/Single Item
2.....2.20	* _____	
.051	_____	
3.....11.00	* _____	
.000	_____	
4.....0.00	* _____	
.000	_____	
-----	# _____	Minus/Tax Status
2.5	% _____	Percent Rate/%+ or %-
.11	# _____	Percent Key Control/Tax Status
0122.....12	_____	Date/Add Mode Control (fixed)
0522..1022	_____	Print Control
0622..0000	_____	General Control
1022.....0	_____	Calculation Control
0326...002	_____	Tax Control
0125.....	_____	
0.0000	% _____	Tax Table 1
0001	_____	Break Points Control
0001	_____	
10	_____	
30	_____	
54	_____	
73	_____	
110	_____	
0225.....	_____	Tax Table 2
5.2500	% _____	
5002	_____	Rounding Specifications/ Tax System Specifications
0000	_____	
01-08-95	_____	

Part-2

# Part-2 CONVENIENT OPERATION



## 1-10-2 Printing preset PLU settings



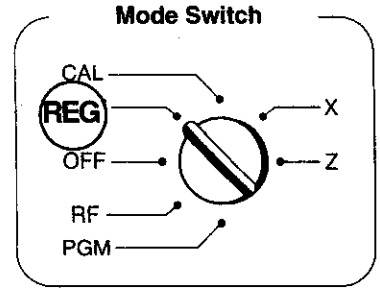
1 = CA/AMT / TEND

01-08-95	—	Date
14-26 0071	—	Time/Consecutive No.
	x	Read Symbol
01....1.00	1	PLU. No./Unit Price/ Linked department
02....2.00	2	
03....0.00	3	
04....0.00	4	
05....0.00	5	
06....0.00	6	
07....0.00	7	
09....0.00	1	
16....0.00	4	
01-08-95	1	

## 2. Various Operations

### 2-1 Registration using preset price for Departments.

(Programming: See page 18)



Example

Unit Price	\$1.00	\$2.20	\$11.00
Quantity	1	2	4
Depts.	1	2	3
Amount tendered	\$52.00		

Operation	Printout
<div style="display: flex; flex-direction: column; align-items: center;"> <div style="display: flex; gap: 5px;"> <span style="border: 1px solid black; padding: 2px;">5</span> <span style="border: 1px solid black; padding: 2px;">0</span> <span style="border: 1px solid black; padding: 2px;">0</span> <span style="border: 1px solid black; padding: 2px;">0</span> </div> <div style="display: flex; flex-direction: column; align-items: center; margin-top: 10px;"> <div style="display: flex; gap: 5px;"> <span style="border: 1px solid black; padding: 2px;">4</span> <span style="border: 1px solid black; padding: 2px;">X/DATE TIME</span> <span style="border: 1px solid black; padding: 2px;">x 3</span> </div> <div style="border: 1px solid black; padding: 2px; margin: 2px;">SUB TOTAL</div> <div style="border: 1px solid black; padding: 2px; margin: 2px;">= CA/AMT/TEND</div> </div> </div>	<div style="display: flex; flex-direction: column; gap: 10px;"> <div style="display: flex; justify-content: space-between;"> <span>•1•00 1*</span> <span>Unit Price Programmed to Department 1</span> </div> <div style="display: flex; justify-content: space-between;"> <span>•2•20 2*</span> <span>Unit Price Programmed to Department 2</span> </div> <div style="display: flex; justify-content: space-between;"> <span>•2•20 2*</span> <span>Repeat</span> </div> <div style="display: flex; justify-content: space-between;"> <span>4</span> <span>x</span> <span>Multiplication Symbol</span> </div> <div style="display: flex; justify-content: space-between;"> <span>•11•00 @</span> <span>Unit Price Programmed to Department 3</span> </div> <div style="display: flex; justify-content: space-between;"> <span>•44•00 3*</span> </div> <div style="display: flex; justify-content: space-between;"> <span>•49•40 TA</span> </div> <div style="display: flex; justify-content: space-between;"> <span>•1•98 TX</span> </div> <div style="display: flex; justify-content: space-between;"> <span>•51•38 ST</span> </div> <div style="display: flex; justify-content: space-between;"> <span>•52•00 CA</span> <span>Cash Amount Tendered</span> </div> <div style="display: flex; justify-content: space-between;"> <span>•0•62 CG</span> <span>Change</span> </div> </div>

Part-2

### 2-2 Single-Item Sales

(Programming: See page 19)

Example 1:

Status	Single item sale
Unit Price	\$.50
Quantity	1
Dept.	1

<div style="display: flex; gap: 5px;"> <span style="border: 1px solid black; padding: 2px;">5</span> <span style="border: 1px solid black; padding: 2px;">0</span> <span style="border: 1px solid black; padding: 2px;">+</span> <span style="border: 1px solid black; padding: 2px;">5</span> <span style="border: 1px solid black; padding: 2px;">1</span> </div>	<div style="display: flex; flex-direction: column; gap: 10px;"> <div style="display: flex; justify-content: space-between;"> <span>•0•50 1*</span> </div> <div style="display: flex; justify-content: space-between;"> <span>•0•50 TA</span> <span>Taxable Amount</span> </div> <div style="display: flex; justify-content: space-between;"> <span>•0•02 TX</span> <span>Tax</span> </div> <div style="display: flex; justify-content: space-between;"> <span>•0•52 CA</span> <span>Cash Sales</span> </div> </div>
---	---

For this example, Dept. 1 is programmed for a single-item-sale. (Programming: See page 19.)

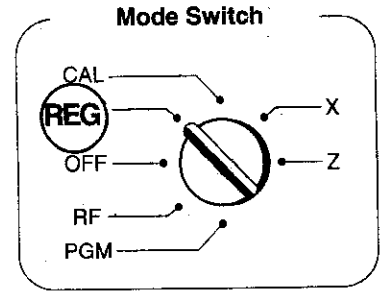
Example 2:

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

<div style="display: flex; flex-direction: column; align-items: center;"> <div style="display: flex; gap: 5px;"> <span style="border: 1px solid black; padding: 2px;">1</span> <span style="border: 1px solid black; padding: 2px;">0</span> <span style="border: 1px solid black; padding: 2px;">0</span> <span style="border: 1px solid black; padding: 2px;">-</span> <span style="border: 1px solid black; padding: 2px;">6</span> <span style="border: 1px solid black; padding: 2px;">2</span> </div> <div style="display: flex; gap: 5px; margin-top: 5px;"> <span style="border: 1px solid black; padding: 2px;">5</span> <span style="border: 1px solid black; padding: 2px;">0</span> <span style="border: 1px solid black; padding: 2px;">+</span> <span style="border: 1px solid black; padding: 2px;">5</span> <span style="border: 1px solid black; padding: 2px;">1</span> </div> <div style="border: 1px solid black; padding: 2px; margin: 2px;">SUB TOTAL</div> <div style="border: 1px solid black; padding: 2px; margin: 2px;">= CA/AMT/TEND</div> </div>	<div style="display: flex; flex-direction: column; gap: 10px;"> <div style="display: flex; justify-content: space-between;"> <span>•1•00 2*</span> </div> <div style="display: flex; justify-content: space-between;"> <span>•0•50 1*</span> </div> <div style="display: flex; justify-content: space-between;"> <span>•1•50 TA</span> <span>Taxable Amount</span> </div> <div style="display: flex; justify-content: space-between;"> <span>•0•06 TX</span> <span>Tax</span> </div> <div style="display: flex; justify-content: space-between;"> <span>•1•56 CA</span> <span>Cash Sales</span> </div> </div>
---	---

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

## Part-2 CONVENIENT OPERATION



### 2-3 Check Sales

Example:

Unit Price	\$35.00
Quantity	2
Dept.	4

<b>Operation</b>	<b>Printout</b>
------------------	-----------------

<table border="0"> <tr> <td style="border: 1px solid black; padding: 2px;">3</td> <td style="border: 1px solid black; padding: 2px;">5</td> <td style="border: 1px solid black; padding: 2px;">0</td> <td style="border: 1px solid black; padding: 2px;">0</td> <td style="border: 1px solid black; padding: 2px;">+ 8</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td style="border: 1px solid black; padding: 2px;">+ 4</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td style="border: 1px solid black; padding: 2px;">8</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td style="border: 1px solid black; padding: 2px;">+ 4</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td style="border: 1px solid black; padding: 2px;">SUB</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td style="border: 1px solid black; padding: 2px;">TOTAL</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td style="border: 1px solid black; padding: 2px;">CHK</td> </tr> </table>	3	5	0	0	+ 8					+ 4					8					+ 4					SUB					TOTAL					CHK	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;">•35•00</td> <td style="padding: 5px;">4 *</td> </tr> <tr> <td style="padding: 5px;">•35•00</td> <td style="padding: 5px;">4 *</td> </tr> <tr> <td style="padding: 5px;">•70•00</td> <td style="padding: 5px;">TA</td> </tr> <tr> <td style="padding: 5px;">•2•80</td> <td style="padding: 5px;">TX</td> </tr> <tr> <td style="padding: 5px;">•72•80</td> <td style="padding: 5px;">CK</td> </tr> </table> <p style="text-align: right; margin-top: 0;">Check Sales</p>	•35•00	4 *	•35•00	4 *	•70•00	TA	•2•80	TX	•72•80	CK
3	5	0	0	+ 8																																										
				+ 4																																										
				8																																										
				+ 4																																										
				SUB																																										
				TOTAL																																										
				CHK																																										
•35•00	4 *																																													
•35•00	4 *																																													
•70•00	TA																																													
•2•80	TX																																													
•72•80	CK																																													

### 2-4 Change the Tax Status

(Programming: See page 18)

Example:

Unit Price	\$1.00	\$2.00
Quantity	1	1
Depts.	1	2
Preset Status	Taxable 1	Taxable 1
This Registration	Non-taxable	Taxable 1

<table border="0"> <tr> <td style="border: 1px solid black; padding: 2px;">1</td> <td style="border: 1px solid black; padding: 2px;">0</td> <td style="border: 1px solid black; padding: 2px;">0</td> <td style="border: 1px solid black; padding: 2px;">+ 5</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="border: 1px solid black; padding: 2px;">+ 1</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">2</td> <td style="border: 1px solid black; padding: 2px;">0</td> <td style="border: 1px solid black; padding: 2px;">0</td> <td style="border: 1px solid black; padding: 2px;">- 6</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="border: 1px solid black; padding: 2px;">- 2</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="border: 1px solid black; padding: 2px;">= CA/AMT/TEND</td> </tr> </table>	1	0	0	+ 5				+ 1	2	0	0	- 6				- 2				= CA/AMT/TEND	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;">•1•00</td> <td style="padding: 5px;">1 TX 2</td> </tr> <tr> <td style="padding: 5px;">•2•00</td> <td style="padding: 5px;">2 *</td> </tr> <tr> <td style="padding: 5px;">•2•00</td> <td style="padding: 5px;">TA</td> </tr> <tr> <td style="padding: 5px;">•0•08</td> <td style="padding: 5px;">TX</td> </tr> <tr> <td style="padding: 5px;">•3•08</td> <td style="padding: 5px;">CA</td> </tr> </table>	•1•00	1 TX 2	•2•00	2 *	•2•00	TA	•0•08	TX	•3•08	CA
1	0	0	+ 5																												
			+ 1																												
2	0	0	- 6																												
			- 2																												
			= CA/AMT/TEND																												
•1•00	1 TX 2																														
•2•00	2 *																														
•2•00	TA																														
•0•08	TX																														
•3•08	CA																														

### 2-5 Manual Tax

Example:

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

<table border="0"> <tr> <td style="border: 1px solid black; padding: 2px;">1</td> <td style="border: 1px solid black; padding: 2px;">0</td> <td style="border: 1px solid black; padding: 2px;">0</td> <td style="border: 1px solid black; padding: 2px;">+ 5</td> </tr> <tr> <td></td> <td style="border: 1px solid black; padding: 2px;">1</td> <td style="border: 1px solid black; padding: 2px;">0</td> <td style="border: 1px solid black; padding: 2px;">% CLK</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">2</td> <td style="border: 1px solid black; padding: 2px;">0</td> <td style="border: 1px solid black; padding: 2px;">0</td> <td style="border: 1px solid black; padding: 2px;">- 6</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="border: 1px solid black; padding: 2px;">- 2</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="border: 1px solid black; padding: 2px;">= CA/AMT/TEND</td> </tr> </table>	1	0	0	+ 5		1	0	% CLK	2	0	0	- 6				- 2				= CA/AMT/TEND	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;">•1•00</td> <td style="padding: 5px;">1 *</td> </tr> <tr> <td style="padding: 5px;">10</td> <td style="padding: 5px;">% -</td> </tr> <tr> <td style="padding: 5px;">-0•10</td> <td style="padding: 5px;">* Manual Tax Symbol</td> </tr> <tr> <td style="padding: 5px;">•2•00</td> <td style="padding: 5px;">2 *</td> </tr> <tr> <td style="padding: 5px;">•2•90</td> <td style="padding: 5px;">TA</td> </tr> <tr> <td style="padding: 5px;">•0•12</td> <td style="padding: 5px;">TX</td> </tr> <tr> <td style="padding: 5px;">•3•02</td> <td style="padding: 5px;">CA</td> </tr> </table>	•1•00	1 *	10	% -	-0•10	* Manual Tax Symbol	•2•00	2 *	•2•90	TA	•0•12	TX	•3•02	CA
1	0	0	+ 5																																
	1	0	% CLK																																
2	0	0	- 6																																
			- 2																																
			= CA/AMT/TEND																																
•1•00	1 *																																		
10	% -																																		
-0•10	* Manual Tax Symbol																																		
•2•00	2 *																																		
•2•90	TA																																		
•0•12	TX																																		
•3•02	CA																																		

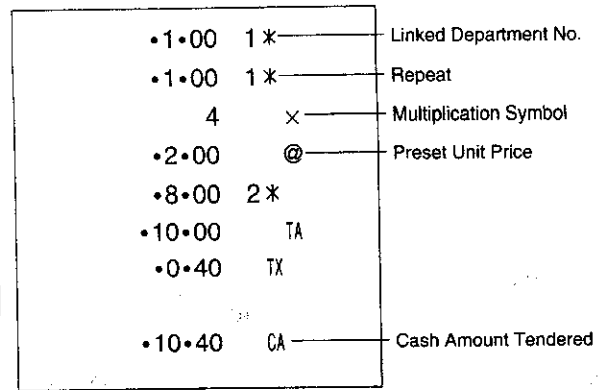
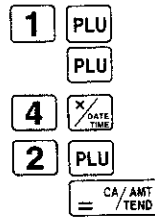
key is programmed to function as a Manual Tax key (see page 20).

### 2-6 PLU operation

(Programming: See page 23)

Example:

PLU No.	1	2
Unit Price	\$1.00	\$2.00
Quantity	2	4
Cash Amount Tendered	\$13.00	



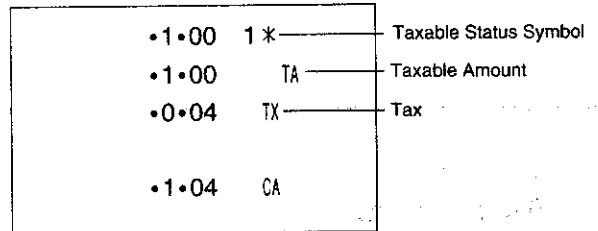
When a PLU is registered, the linked department number is printed instead of the entered PLU number.

### 2-7 PLU Single-Item Sales

(Programming: See page 23)

Example 1:

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

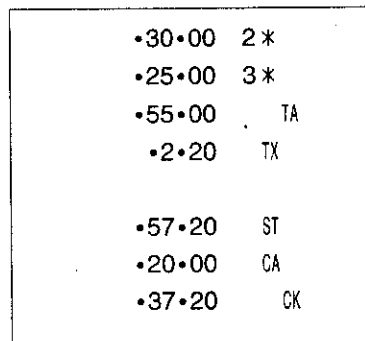
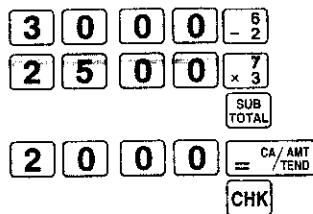


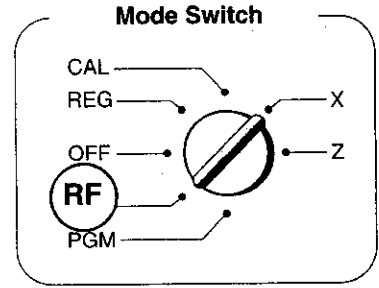
- For this example, linked department 1 is programmed for a single-item-sale. (Programming: See page 19.)
- Single-item sale cannot be finalized if an item is registered previously.

### 2-8 Split cash/ check sales

Example:

Unit Price	\$30.00	\$25.00
Quantity	1	1
Depts.	2	3
Cash amount tendered	\$20.00	
Check	\$37.20	

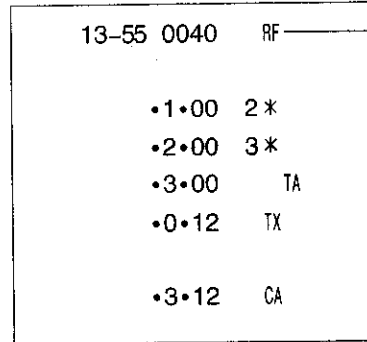
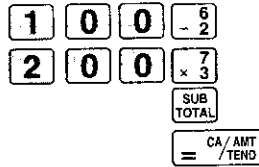




## 2-9 Refund

Example

Unit Price	\$1.00	\$2.00
Quantity	1	1
Dept.	2	3



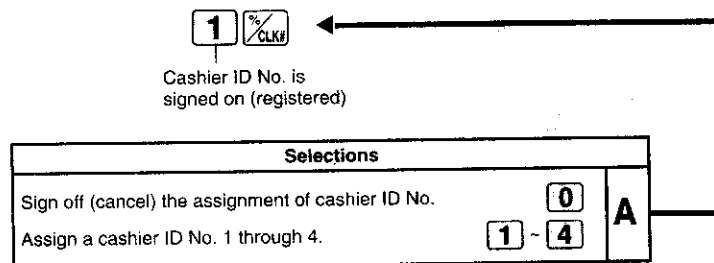
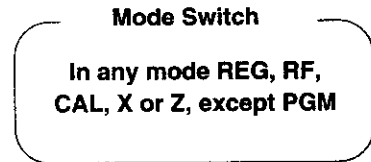
After you finish RF mode operation, be sure to return the Mode Switch to the REG (register) setting.

## 2-10 Cashier Assignment

(Programming: See page 21)

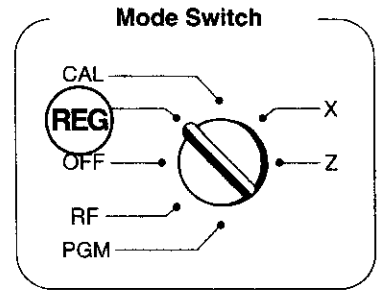
Cashier assignment system is used to control each cashier (or clerk) sales total. When you select this function on page 21, you can get 4 cashiers (or clerk) sales data.

Cashier assignment must be performed prior to starting registration or any other operation, except Program mode.

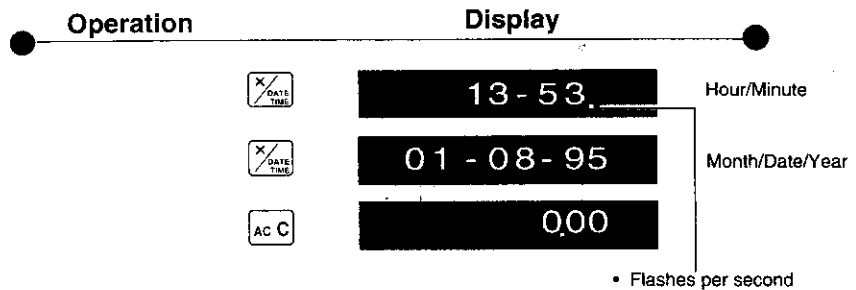


- Currently assigned cashier (or clerk) ID number is printed on the receipt or journal for each transaction.
- The assigned clerk memory number is automatically signed off when the mode key is set to OFF position.
- The assigned clerk (or cashier) sales totals with ID number are printed on the receipt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

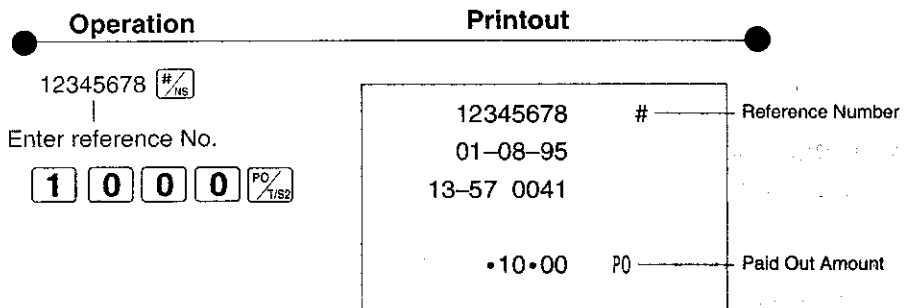
**2-11 Other registrations**



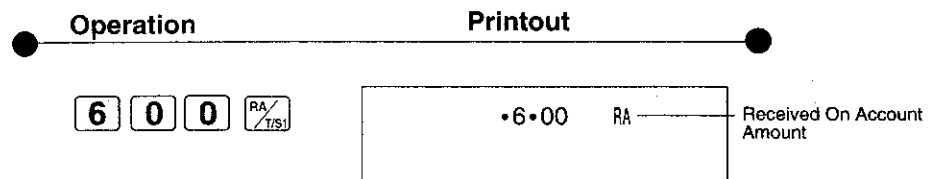
**2-11-1 Reading the Time and Date**



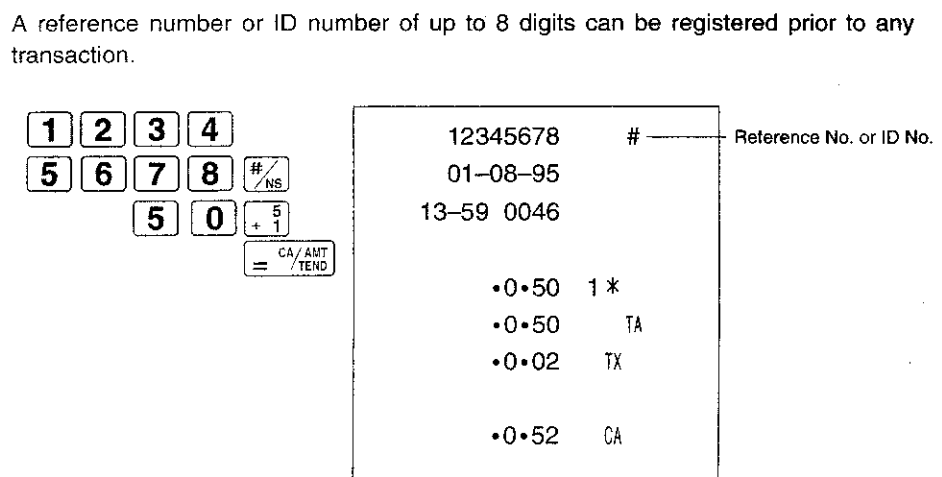
**2-11-2 Paid out from cash in drawer**



**2-11-3 Cash received on account**

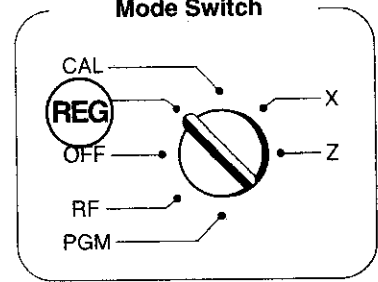


**2-11-4 Registering identification numbers**



## Part-2 CONVENIENT OPERATION

Mode Switch

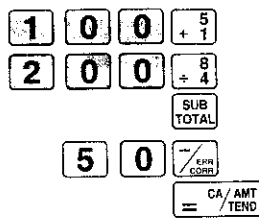


### 2-11-5 Reduction on subtotal

Operation

Printout

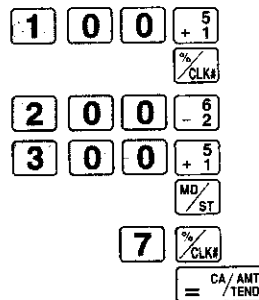
Example:  
Amount due reduced by \$0.50.



•1.00	1 *
•2.00	4 *
•3.12	ST
-0.50	
•3.00	TA
-0.12	TX
•2.62	CA

### 2-11-6 Premium/Discount

- 2.5% premium/discount (programmed to key) applied to first item.
- Be sure to use key when you wish to apply a premium/discount to the subtotal. You cannot use the key.
- 7% premium/discount applied to transaction total.
- For programming the key as percent minus or percent plus, see page 20.
- For programming percent rate, see page 18.



Premium

•1.00	1 *	
2.5	%	Premium Rate
•0.03	*	Premium Amount
•2.00	2 *	
•3.00	1 *	
•6.03	ST	Subtotal
7	%	Premium Rate
•0.42	*	Premium Amount
•6.45	TA	
•0.26	TX	
•6.71	CA	

Discount

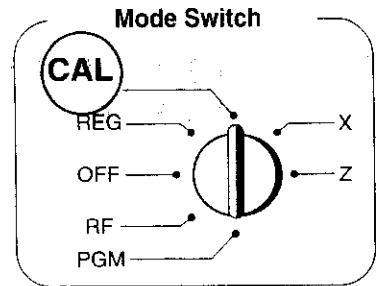
•1.00	1 *	
2.5	%	Discount Rate
-0.03	*	Discount Amount
•2.00	2 *	
•3.00	1 *	
•5.97	ST	Subtotal
7	%	Discount Rate
-0.42	*	Discount Amount
•5.55	TA	
•0.23	TX	
•5.78	CA	

# Part 3

## CALCULATOR FUNCTION

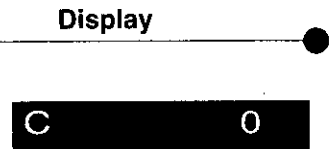
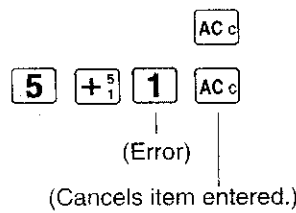
### 1. Calculator Mode

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

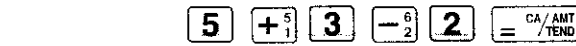


#### 1-1 Calculation examples

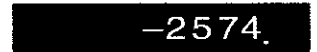
5+3-2=



(23-56)×78=



(4×3-6)÷3.5+8=



12% on 1500



#### 1-2 Memory recall

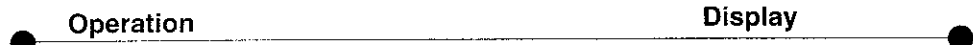
Recalls the current amount onto the display.

- during registration: current subtotal
- registration has been completed: the last amount

##### On CAL mode

Example:

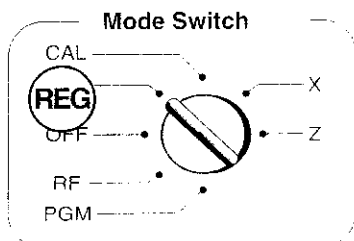
Divide the current subtotal \$30.00 at REG mode by 3 (to divide the bill between 3 people).



Memory recall

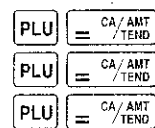
##### On REG mode

Recalls the current result by pressing  $\frac{CA}{AMT} \frac{TEND}{TEND}$  key at CAL mode on the display.

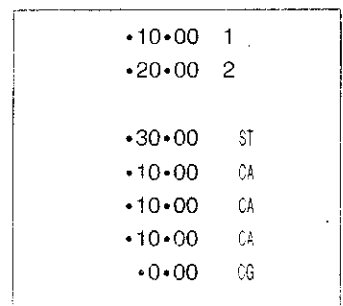


Example:

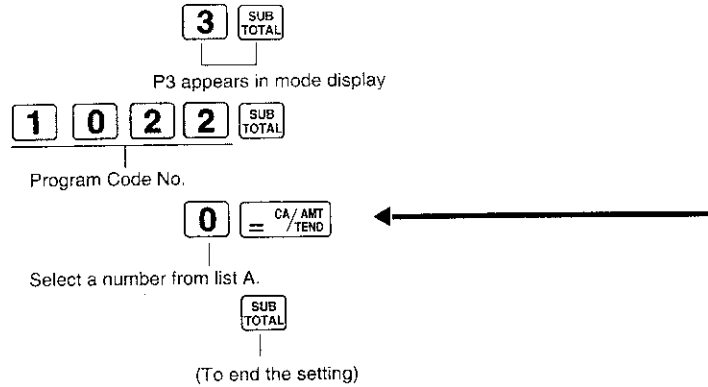
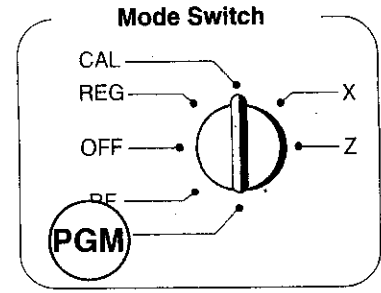
Recall the current result at CAL mode during registration, and register the cash amount due for each person.



Memory recall



**1-3 Setting for calculator operation**



			Selections	
Open drawer whenever <b>CA/AMT/TEND</b> is pressed.*				
Open drawer whenever <b>#16</b> is pressed.				
Print No. of Equal key operations on General Control X and Z reports.				
Yes	No	No	<b>0</b>	A
		Yes	<b>1</b>	
	Yes	No	<b>2</b>	
		Yes	<b>3</b>	
No	No	No	<b>4</b>	
		Yes	<b>5</b>	
	Yes	No	<b>6</b>	
		Yes	<b>7</b>	

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



# USEFUL INFORMATION

## 1. Troubleshooting

	Symptom/Problem	Most common causes	Solutions
1	E01 appears on the display.	Changing modes without completing transaction or programming.	Return key to where it stops buzzing and press
2	E08 appears on the display.	Sign on operation is not performed.	Prior to starting registration of any other operation, press  -  and then .
3	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.
4	No date or time on receipt. Paper is not advancing enough.	Printer is programmed as a journal.	Program printer to print receipts.
5	Key won't turn to Z, X, PGM and RF modes.	Using OP key.	Use the PGM key.
6	Drawer opens up after ringing up only one time.	Department is programmed as a single item dept.	Program the dept. as a normal dept.
7	Not clearing totals at end of day after taking report.	Using X mode to take out reports.	Use Z mode to take out reports.
8	Programming is lost whenever register is unplugged or there is a power outage.	Bad or no batteries.	Put in new batteries.
9	Register is inoperative. Can't get money out of drawer.	No power.	Pull lever underneath register at rear.

**Note:**

**If you cannot resolve your difficulty, please feel free to call your dealer or 1-800-638-9228. (1-800-661-2274 in Canada)**

## 2. Specifications

### INPUT METHOD

Entry: 10-key system; Buffer memory <sup>76</sup> 16 keys (2-key roll over)  
 Display (Digitron): Amount 8 digits (zero suppression); Department No.; No. of repeats; TOTAL; CHANGE

### PRINTER

Receipt: 14 digits (Amount 10 digits, Symbol 4 digits)  
 (or journal) Automatic paper roll winding (journal)  
 Paper roll: 58 mm x 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 (3 UM-3, R6P (SUM-3) or LR6 (AM-3) type batteries) is approximately one year from installation into the machine.

Power source: AC 120V, AC (±10%) fixed.  
 Power consumption: 0.07A on stand-by; 0.11A maximum  
 Operating temperature: 32°F to 104°F (0°C to 40°C)  
 Humidity: 10 to 90%  
 Dimensions: 8 1/2"(H) x 13"(W) x 14 3/16"(D) with S drawer  
 (219 mm(H) x 330 mm(W) x 360 mm(D))  
 Weight: 8.8 lbs (4.0 kg) with S drawer

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

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

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

### 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.

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