

PCR-260B

Electronic Cash Register



User's Manual

START-UP is QUICK and EASY!
Simple to use!
10 departments and 100 PLUs
Automatic Tax Calculations
Calculator function

CASIO COMPUTER CO., LTD.
6-2, Hon-machi 1-chome
Shibuya-ku, Tokyo 151-8543, Japan

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.



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.

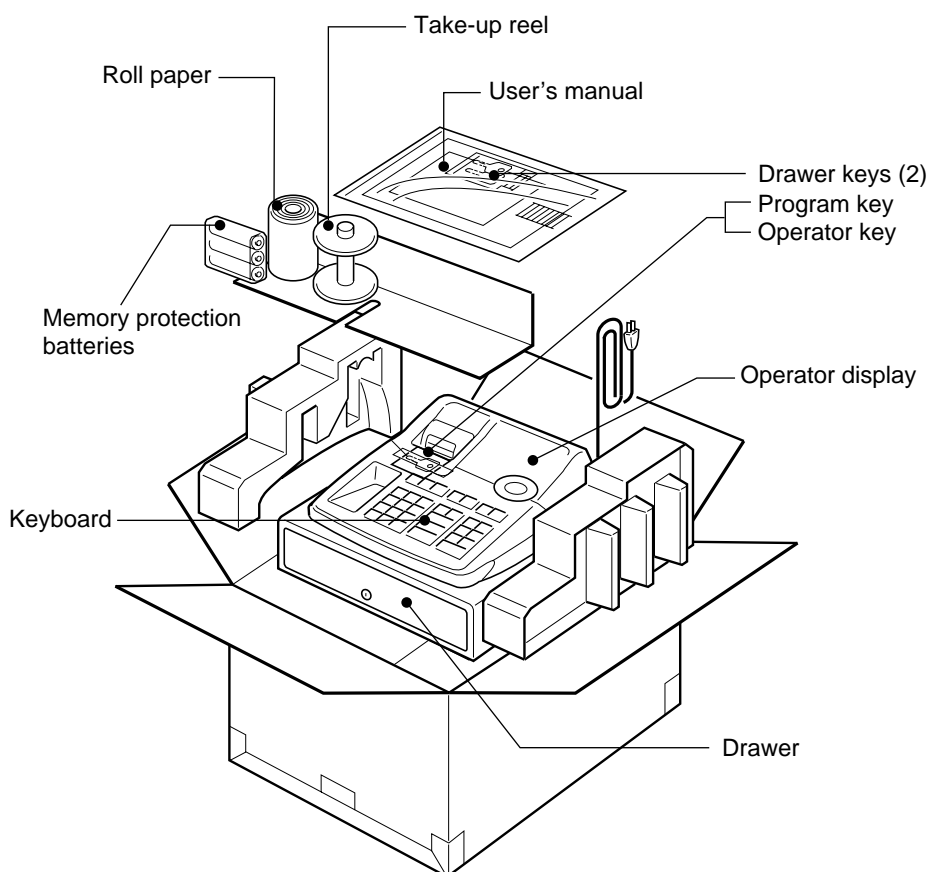
Never use paint thinner, benzene, or other volatile solvents.

Contents

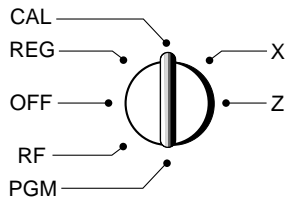
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(You can operate this ECR on a basic level by reading the following sections)	
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Before you start

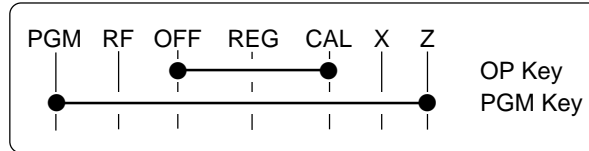
Unpacking



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)

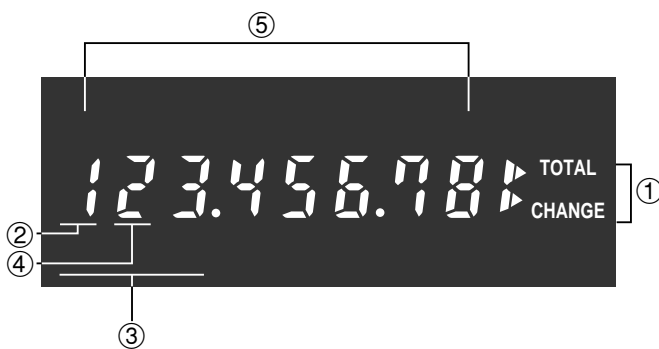
This is the position used to produce reports of daily sales totals without clearing the totals.

Z (Reset)

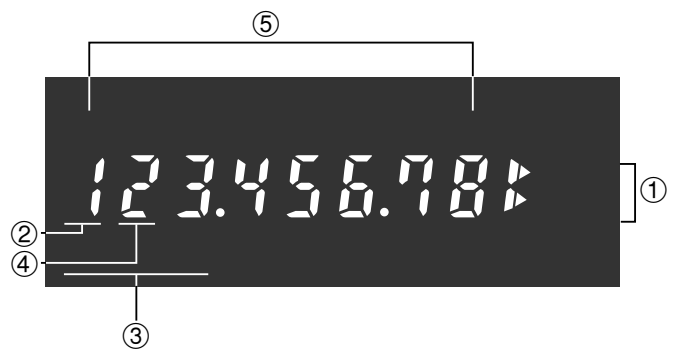
This is the position used to produce reports of daily sales totals. This setting clears the totals.

Displays

Operator Display



Rear Customer Display



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 PLU Number Display

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

④ Number of Repeat Display

Anytime you perform "repeat registration" (page 15), the number of repeats appears here.

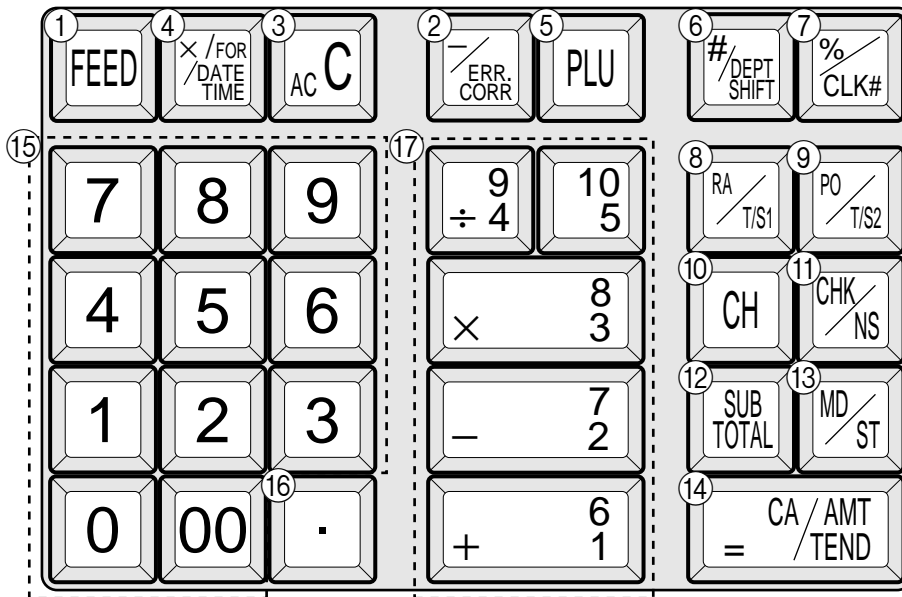
Note that only one digit is displayed for the number of repeats.

⑤ 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 registration (page 33).

Keyboard



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

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

Register Mode

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

- ⑰ **6**₊₁, **7**₋₂, **8**_{×3}, **9**_{÷4}, **10**₅

Department keys

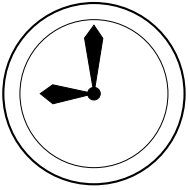
- Department 6 through 10 are specified by pressing the key respectively as follows:

- 6**₊₁ → Department 6 **7**₋₂ → Department 7
- 8**_{×3} → Department 8 **9**_{÷4} → Department 9
- 10**₅ → Department 10

Calculator Mode

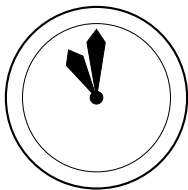
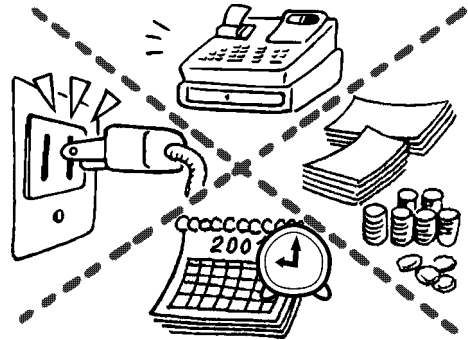
- ③ AC key
- ⑤ Memory Recall key
- ⑦ Percent key
- ⑮ **0**, **1**, ~ **9**, **00**
Numeric keys and 2-zero key
- ⑯ Decimal key
- ⑰ **6**₊₁, **7**₋₂, **8**_{×3}, **9**_{÷4}
Arithmetic Operation key
- ⑭ Equal key
- ⑪ Drawer Open key

Daily Job Flow



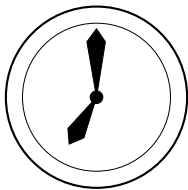
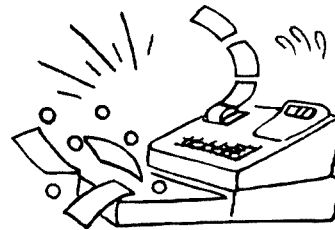
Before Opening The Store

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



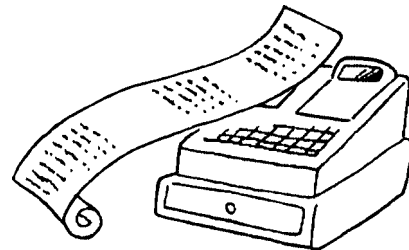
While The Store Is Open

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



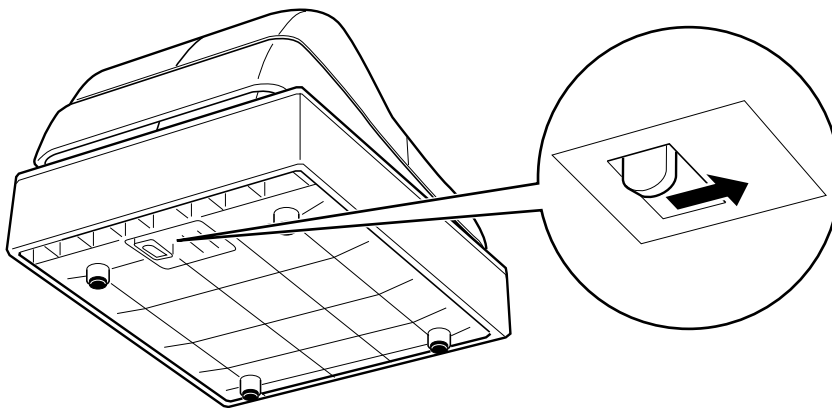
After Closing The Store

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.



When the cash drawer does not open!

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



Important!

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



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

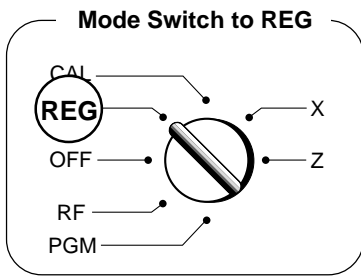
1. Set the Mode Switch to OFF.
2. Plug the power cord of the cash register into an AC outlet.
3. Load the memory protection batteries.
4. Set the Mode Switch to REG.

► 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.
3. Load 3 new SUM-3 ("AA") type batteries into the compartment. Be sure that the plus (+) and minus (-) ends of each battery are facing in the directions indicated by the illustrations inside the battery compartment (Figure 1).
4. 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

- ① Remove the printer cover by lifting up the back.



- ② Put a roll of journal paper into the holder.
- ③ Cut the leading end of the roll paper with scissors and insert the paper into the inlet.



- ④ Press the **FEED** key until 20 or 30 cm of paper is fed from the printer.
- ⑤ Roll the paper onto the take-up reel a few turns.



- ⑥ Set the left plate of the take-up reel and place the reel into the register.



- ⑦ Press the **FEED** key to take up any slack in the paper.
- ⑧ Replace the printer cover by placing the cover's front tab into the register's groove.



2. To remove journal paper

- ① Remove the printer cover following the instructions above.
- ② Press the **FEED** key until approximately 20cm of the paper is fed from the printer.
- ③ Cut off the roll paper.



- ④ Remove the take-up reel from the printer and take off the left plate of the reel.
- ⑤ Remove the journal paper from the take-up reel.



- ⑥ Cut off the paper left in the printer and press the **FEED** key until the remaining paper is fed out from the printer.



- ⑦ Remove the core of the paper.

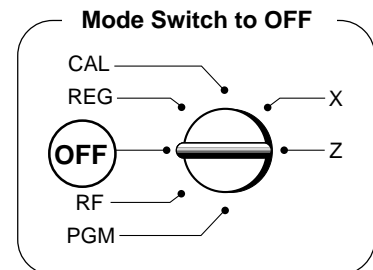


- ⑧ Load new paper following the instructions above, and replace the printer cover.

Default printer setting is for Journal.
To print receipts, please refer to 1-7-3 on page 25 to switch the printer for Receipt or Journal.

▶ To load receipt paper

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



▶ To replace the ink roll

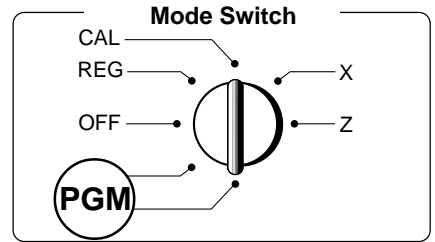
- ① Remove the printer cover.
- ② Lift up the tab on the ink roll marked "PULL UP".



- ③ Install a new Ink Roll and press it down firmly but gently until it snaps into place.
- ④ Replace the printer cover onto the cash register.
- ⑤ Press the **CHK/INS** key to check for correct operation.

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

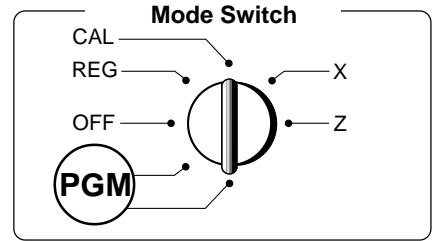
3. Basic Programming for QUICK START



Part-1

Procedure	Purpose																																												
<p>1. Insert the PROGRAM key (marked "PGM") and rotate to PGM position.</p>	Programming																																												
<p>2. Press the following keys to set the current time.</p> <p>Example: 13:18 PM = 1318</p> <div style="display: flex; align-items: center; justify-content: center;"> <div style="text-align: center; margin-right: 10px;"> <p>1 3 1 8</p> <p>Time Minutes</p> </div> <div style="margin-right: 10px;"> <p>1 SUB TOTAL</p> <p>X / FOR / DATE TIME</p> <p>AC C</p> </div> <div style="margin-right: 10px;"> <p>P appears in mode display</p> <p>(to end the time setting)</p> </div> </div> <ul style="list-style-type: none"> • Enter 4 digits • 24-hour time format 	Setting the current time																																												
<p>3. Press the following keys to set the current date.</p> <p>Example: July 19, 2003 = 030719</p> <div style="display: flex; align-items: center; justify-content: center;"> <div style="text-align: center; margin-right: 10px;"> <p>0 3 0 7 1 9</p> <p>Year Month Date</p> </div> <div style="margin-right: 10px;"> <p>1 SUB TOTAL</p> <p>X / FOR / DATE TIME</p> <p>AC C</p> </div> <div style="margin-right: 10px;"> <p>P appears in mode display</p> <p>(to end the date setting)</p> </div> </div> <ul style="list-style-type: none"> • Enter 6 digits • Enter last 2 digits for year set. (2003 → 03) 	Setting the current date																																												
<p>4. For USA</p> <p>Find the tax table for your state on pages 11 through 14 of this manual.</p> <p>Press the following keys to set the tax tables 1 and 2.</p> <p>Example 1: Set Alabama state tax 4%.</p> <div style="display: flex; align-items: center; justify-content: center;"> <div style="text-align: center; margin-right: 10px;"> <p>0 1 2 5</p> <p>3 SUB TOTAL</p> <p>0 = CA / AMT / TEND</p> <p>1 = CA / AMT / TEND</p> <p>1 = CA / AMT / TEND</p> <p>1 0 = CA / AMT / TEND</p> <p>3 0 = CA / AMT / TEND</p> <p>5 4 = CA / AMT / TEND</p> <p>7 3 = CA / AMT / TEND</p> <p>1 1 0 = CA / AMT / TEND</p> <p>SUB TOTAL</p> </div> <div style="margin-right: 10px;"> <p>P3 appears in mode display</p> <p>Program set code No. for tax table 1</p> <p>1st code for 4%</p> <p>Last code for 4%</p> <p>(to end the setting)</p> </div> <div style="border: 1px solid black; padding: 5px; margin-left: 20px;"> <table border="1"> <thead> <tr> <th colspan="4">ALABAMA</th> </tr> <tr> <th>4%</th> <th>5%</th> <th>6%</th> <th>6%</th> </tr> </thead> <tbody> <tr><td>0</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td><td>1</td></tr> <tr><td>1</td><td>1</td><td>1</td><td>1</td></tr> <tr><td>10</td><td>10</td><td>8</td><td>9</td></tr> <tr><td>30</td><td>29</td><td>24</td><td>20</td></tr> <tr><td>54</td><td>49</td><td>41</td><td>40</td></tr> <tr><td>73</td><td>69</td><td>58</td><td>55</td></tr> <tr><td>110</td><td>89</td><td>70</td><td>90</td></tr> <tr><td></td><td>110</td><td></td><td>109</td></tr> </tbody> </table> </div> </div>	ALABAMA				4%	5%	6%	6%	0	0	0	0	1	1	1	1	1	1	1	1	10	10	8	9	30	29	24	20	54	49	41	40	73	69	58	55	110	89	70	90		110		109	Setting the Tax table 1
ALABAMA																																													
4%	5%	6%	6%																																										
0	0	0	0																																										
1	1	1	1																																										
1	1	1	1																																										
10	10	8	9																																										
30	29	24	20																																										
54	49	41	40																																										
73	69	58	55																																										
110	89	70	90																																										
	110		109																																										

FOR PROGRAMMING ASSISTANCE, PLEASE CALL TOLL FREE 1-800-638-9228



Procedure	Purpose					
<p>Example 2: Set Colorado state tax 5.25%.</p> <p> 3 <input type="button" value="SUB TOTAL"/> 0 2 2 5 <input type="button" value="SUB TOTAL"/> 5 . 2 5 <input type="button" value="CA/AMT TEND"/> 5 0 0 2 <input type="button" value="CA/AMT TEND"/> <input type="button" value="SUB TOTAL"/> </p> <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> <table border="1" data-bbox="1252 660 1388 828"> <tr><td>COLORADO</td></tr> <tr><td>5.25%</td></tr> <tr><td>5.25</td></tr> <tr><td>5002</td></tr> </table>	COLORADO	5.25%	5.25	5002	
COLORADO						
5.25%						
5.25						
5002						
<ul style="list-style-type: none"> Tax table 2 programming can set only tax rate, but not for a tax break point. <p>4. For CANADA</p> <p>Find the tax table for your province on page 14 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> <p> 3 <input type="button" value="SUB TOTAL"/> 0 1 2 5 <input type="button" value="SUB TOTAL"/> 9 <input type="button" value="CA/AMT TEND"/> 9 0 0 2 <input type="button" value="CA/AMT TEND"/> <input type="button" value="SUB TOTAL"/> </p> <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> <table border="1" data-bbox="1252 1142 1388 1310"> <tr><td>CANADA</td></tr> <tr><td>QUEBEC</td></tr> <tr><td>9%</td></tr> <tr><td>9</td></tr> <tr><td>9002</td></tr> </table>	CANADA	QUEBEC	9%	9	9002
CANADA						
QUEBEC						
9%						
9						
9002						
<p>Example 2: Set Ontario tax 10%.</p> <p> 3 <input type="button" value="SUB TOTAL"/> 0 2 2 5 <input type="button" value="SUB TOTAL"/> 1 0 <input type="button" value="CA/AMT TEND"/> 5 0 0 4 <input type="button" value="CA/AMT TEND"/> <input type="button" value="SUB TOTAL"/> </p> <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> <table border="1" data-bbox="1252 1512 1388 1680"> <tr><td>CANADA</td></tr> <tr><td>ONTARIO</td></tr> <tr><td>10%</td></tr> <tr><td>10</td></tr> <tr><td>5004</td></tr> </table>	CANADA	ONTARIO	10%	10	5004
CANADA						
ONTARIO						
10%						
10						
5004						
<ul style="list-style-type: none"> 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>Tax status for the Departments are fixed as follows:</p> <p>Departments 1~5: Taxable status 1 and 2.</p> <p>Departments 6~10: Non-Taxable status.</p> <ul style="list-style-type: none"> See page 20 to change the fixed tax status. 						

Part-1

Tax Tables for U. S. A.

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 2%	3%	HOMER/SELDOVIA 3%	HAINES 4%	JUNEAU 4%	KENAI 5%	KENAI SEWARD & SOLDOTNA 5%	6%
0	0	0	0	0	0	0	6
1	1	1	1	1	1	1	159
1	1	1	1	1	1	1	179
1	1	1	1	1	1	1	199
10	10	8	9	10	7	6	219
30	29	24	20	20	21	18	239
54	49	41	40	36	35	31	259
75	69	58	55	54	49	43	279
	89	70	70	64	56		299
	110	90	85	78	68		300
		109	110	92	81		
				107	93		
					106		

ARIZONA						
4%	5%	6%	6.5%	6.7%	7%	
0	0	0	175	0	156	0
1	1	1	191	1	171	1
1	1	1	191	1	171	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	
		141	130		126	107
		158	146		141	

ARKANSAS							
3%	4%	5%	6%	6.8%	7%	7.5%	
0	0	0	0	0	0	0	
1	1	1	1	1	1	1	
1	1	1	1	1	1	1	
1	1	1	1	1	1	1	
14	12	10	8	6	7	6	
44	37	20	24	19	21	19	
74	60	40	41	33	35	33	
114	80	58	46	49	49	46	
	110			64	78		
				82	92		
					107		

C

CALIFORNIA																		
6%	6.25%	6.5%	6.75%	7%	7.25%	7.25%	7.5%	7.75%	8.25%	8.5%	10% Parking	LOS ANGELES						
0	141	0	0	130	6.75	0	121	278	7.25	117	7.25	0	7.75	8.25	0	99	0	99
1	158	1	1	146	5002	1	135	292	5002	131	5002	1	5002	5002	1	111	1	99
7	7	7	7	161	0	0	8	149	0	3	0	1	123	11	104			
10	10	10	10	176	10	10	164	10	6	6	5	135	99	114				
22	21	20	192	20	20	20	178	20	19	19	17	147	99	124				
39	37	35	207	34	33	192	32	33	33	29	29	158	99	134				
56	54	51	223	48	47	207	46	46	46	41	41	170	99	144				
73	70	67	238	64	62	221	60	59	73	52	52	182	99	154				
90	86	83	253	80	76	235	74	74		64	64	194	99					
108	103	99	269	96	91	249	88	88		76	76	205	99					
124	119	115	284	111	107	264	103	103		88	88	99	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%	6.1%	6.35%	6.4%	6.45%	
0	0	0	0	0	0	264	0	0	211	0	0	5.25	0	172	0	168	0	165	0	
1	1	1	1	1	1	291	1	1	233	1	1	5002	1	190	1	186	1	182	1	5002
1	1	1	3	2	5	319	2	2	255	2	1	6	6	209	7	204	8	199	2	0
33	24	19	17	17	17	347	16	17	277	17	18	18	18	227	16	222	17	217	17	17
99	74	59	49	42	41	375	37	37	33	299	29	18	18	27	245	25	240	26	24	0
166			83	71	69	63	62	55	55	49	51	51	51	45	263	43	43	43	41	0
233			116	99	97	77	77	77	68	68	68	68	68	63	281	61	60	60	58	0
			149	128	124	99	99	99	84	84	84	84	84	81	299	79	78	78	74	0
			183	157	152	122	122	122	118	118	118	118	118	99	97	95	95	95	95	0
				185	180	144	144	144	118	115	113	113	113	118	115	113	113	113	113	0
				214	208	166	166	166	136	132	130	130	130	136	132	130	130	130	130	0
				242	236	188	188	188	154	150	147	147	147	154	150	147	147	147	147	0

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
1	161	5002	1	149	5002	5002	1	145	5002	1
2	176		4	17	2	159	3	157	3	1
17	192	17	17	21	17	173	6	171	17	6
23	207	21	35	35	20	187	20	19	18	
38	223	35	49	49	34	201	34	33	31	
53		49	64	64	48	215	47	46	43	
69		64	62	229	61	229	61	59	56	
84		78	76	243	75	243	75	73	68	
99		92	90	256	89	256	89	81	81	
115		107	104		102		102	93	93	
130		121	118		116		116	106	106	

CONNECTICUT							
5.25%	6%	7%	7.5%	8%			
0	198	0	0	0	0		
1	218	1	1	1	1		
2	2	1	1	3	1		
16	8	7	6	6	6		
27	24	21	19	18	18		
46	41	35	33	31	31		
65	58	49	46	46	46		
84	74	64	59	59	59		
103	91	78	73	73	73		
122	108	92					
141	124	107					
160							
179							

D

DISTRICT OF COLUMBIA					
D.C. 5%	D.C. 5.75%	D.C. 6%	D.C. 6%	D.C. 8%	D.C. 9%
0	5.75	0	0	0	105
1	5002	1	1	1	116
1	0	1	1	1	127
10	8	12	8	12	138
22	17	24	16	16	149
42	35	41	27	27	161
82	53	58	39	38	
62	71	74	50	49	
110	89	91	62	61	
	112	108	75	72	
			90	83	
			112	94	

F

FLORIDA							
4%	5%	Combined 5.25%	6%	6.2%	PANAMA CITY BEACH 6.5%	7%	7.5%
0	175	0	5.25	0	6.2	0	93
1	209	1	5002	1	5002	1	106
5	1	1	1	1	1	1	120
9	9	9	9	9	9	9	133
25	20	20	16	16	16	16	146
50	40	40	33	33	33	33	160
75	60	60	50	50	50	50	173
109	80	80	66	66	66	66	186
125	109	109	83	83	83	83	209
150			109	109	109	109	

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	1
1	1
10	10
12	12
37	37

N

NEW HAMPSHIRE				NEW JERSEY				NEW MEXICO															
7%		Rooms & Meals 7%		Rooms & Meals 8%		3%	3.5%	6%	7%	3.75%	4.25%	4.375%	4.5%	4.875%	5.175%	5.25%	5.375%	5.575%	5.75%				
0	129	0	128	0	0	0	0	0	150	0	280	0	247	0	239	0	4.875	5.175	0	199	5.375	5.575	5.75
1	143	1	142	1	1	1	1	1	164	1	306	1	270	1	1	1	5002	5002	1	217	5002	5002	5002
8	158	8	157	1	1	1	1	1	178	6	333	1	294	4	1	1			1				
14	172	35	171	35	35	41	42	22	21	13	359	11	317	11	11	11			9				
26	186	35	185	35	35	47	14	10	10	40		35	341	34	33	33			28				
39	201	38	200	35	35	71	71	38	35	67		58	364	57	55	55			47				
51		50		37	37	117	100	56	50	93		82	388	79	78	78			66				
63		62		50	50		128	72	64	120		105	411	102	100	100			85				
75		74		62	62		157	88	78	146		129		125	122	122			104				
88		87					185	110	92	173		152		148	144	144			123				
101		100					214		107	200		176		171	167	167			142				
115		114							121	226		199		194	189	189			161				
									135	253		223		217	211	180			180				

6.187%	6.1875%
0	6.187
1	5002
4	0
9	8
23	
40	
56	
72	
88	
104	
120	
136	
153	

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

NORTH CAROLINA						
3%	4%	4.5%	5%	5.25%	5.75%	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	91
216		144		129	108	108
		166			124	124

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	34	47	29	25	25	25
100	71	75	55	55	50	62	43	38	38	38
133	100	100	73	67	77	58	50	50	50	50
166	125	125	91	84	93	72	63	63	63	63
200			110	108	86	75	75	75	75	75
			128	124	100	88	88	88	88	88
			146	139	115	100	100	100	100	100
			164							

O

OHIO										OKLAHOMA														
MEIGS Co.					CUYAHOGA Co.					2%	3%	3.25%	4%	4.25%	4.5%	5%	5.25%	6%	6.25%	6.75%				
5%	5.5%	5.75%	6%	6%	6.25%	6.5%	7%	7%	7.75%	0	0	0	323	0	4.25	0	0	5.25	0	0	6.75			
0	0	146	5.75	0	0	134	0	0	123	0	115	0	115	7.75	1	1	1	353	1	5002	1	1	5002	
1	1	164	5002	1	1	1	1	1	138	1	128	1	128	5002	1	1	1	7	384	1	2	1	1	1
2	2	182		2	3	2	3	3	153	3	3	3	3	3	24	16	15	415	12	11	9	8	7	7
15	15	200		15	16	15	15	15	169	15	15	15	15	15	74	49	46	446	37	33	29	24	23	23
20	18	218		17	17	16	15	184	15	15	15	15	15	15	83	76	476		55	55	41	41	41	41
40	36			34	34	32	30	200	28	28	28	28	28	28	116	107	507		77	77	58	58	58	58
	54			50	50	46	46	215	42	42	42	42	42	42					169	169	121	121	121	121
	72			67	67	61	61	230	57	57	57	57	57	57					199	199	144	144	144	144
	90			83	83	76	76	71	71	71	71	71	71	71					230	230				
	109			100	100	92	92	85	85	85	85	85	85	85					261	261				
	127			117	117	107	107	100	100	100	100	100	100	100					292	292				

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			0	1	1	4
8		6	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%	7%	7%
0	0	150	149
1	1	150	164
6	5	167	178
9	7	192	192
17	17	210	207
34	34	217	221
50	50	234	235
67	50	250	249
84	67	250	264
110	84		
	110		
	117		
	134		

S

SOUTH CAROLINA										SOUTH DAKOTA						
CHARLESTON					4%	5%	5.5%	6%	6.5%	7%	4%	5%	5.5%	6%	6.5%	7%
4%	5%	6%	6%	6%	0	0	0	190	0	0	161	0	149			
0	0	0	0	0	0	0	0	0	0	0	161	0	149			
1	1	1	1	1	1	1	1	1	1	1	176	1	176			
1	1	1	1	1	1	1	1	1	1	1	192	1	192			
7	7	7	7	7	7	7	7	7	7	7	207	7	207			
10	10	10	10	10	10	10	10	10	10	10	21	10	21			
25	20	24	24	24	24	24	24	24	24	24	35	24	35			
50	40	41	41	41	41	41	41	41	41	41	49	41	49			
75	60	41	41	41	41	41	41	41	41	41	64	41	64			
112	80	58	58	58	58	58	58	58	58	58	82	58	82			
137	109	74	74	74	74	74	74	74	74	74	100	74	100			
	129	91	91	91	91	91	91	91	91	91	118	91	118			
		108	108	108	108	108	108	108	108	108	136	108	136			
		124	124	124	124	124	124	124	124	124	154	124	154			
											172		172			

T

TENNESSEE																							
COUNTY TAX																							
4.5%	5.5%	6%	6.25%	6.5%	6.75%	7%	7.25%	7.5%	7.75%	8%	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																				

Part-1 QUICK START OPERATION

TEXAS											HOUSTON (Harris County)					DALLAS						
4%	4%	4.125%	4.625%	5%	5.125%	5.25%	5.375%	5.5%	5.625%	6%	6%	6%	6.125%	6.25%	6.25%	6.75%	7%					
0	0	0	181	424	4,625	0	5,125	0	142	5,375	0	137	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	5002	1	1	5002	5002	5002	1
1	1	1	230										1	1	1							1
12	12	12	254										8	9	8							7
37	37	36	278										24	25	24							21
	62	60	303										41	42	41							35
	87	84	327										58	59	58							49
		109	351												74							64
		133	375												91							78
		157	399												108							92

U

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

V

UTAH														
4.75%	5%	5.25%	5.375%	5.5%	5.75%	5.875%	6%	6.125%	6.25%	7%	7.25%			
0	221	0	0	199	0	0	190	5.75	5.875	0	6.125	0	0	7.25
1	242	1	1	219	1	1	209	5002	5002	1	5002	1	1	5002
1	263	1	1	238	1	1				0	2	0	4	2
10	284	9	9	257	9	9			8	8	8	7	7	
31	305	29	28	276	27	27				24	23	21		
52	326	47	47	295	46	45				41	27	35		
73	347	66	66	314	65	63				58	47	49		
94	368	85	85	333	83	81				74	63	64		
115	389	104	104	352	102	99						78		
136	410	123	123	371		118						92		
157		142	142	390		136						107		
178		161	161	409		154								
199		180	180			172								

VERMONT			
3%	4%	5%	8%
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	
133	100	68	
166	120	81	
200	140	93	
		100	

VIRGINIA

ARLINGTON COUNTY		FAIRFAX		FAIRFAX CITY		HAMPTON		LEESBURG		RICHMOND		ALEXANDRIA		NEWPORT NEWS		RICHMOND		ROANOKE CITY		VA BEACH	
4%	4%	4.5%	5.5%	6.5%	7%	7%	7%	7%	7%	7.5%	7.5%	7.5%	7.5%	8%	8.5%	9%					
0	214	484	0	188	0	149	0	114	284	0	0	7.5	0	116	0	0	114	0	99	9	
1	234	512	1	211	1	166	1	144	1	1	1	5002	1	122	1	1	114	1	112	5002	
21	259	537	2	233	4	188	1	166	13	149	5	134	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	33	277	14	233	24	188	29	184	21	14	16	166	19	34	159	12	144	
59	334		62	55	299	33	249	33	211	34	184	35	34	33	183	33	44	33	162		
84	359		87	77		55	255	55		44	214	49	59	49	188	46	44	37	166		
114	384		112	99	77	74		59	214	64	59	64	59	55	211	59	59	55	187		
134	414		137	122	99	77		74	234	78	84	77	77	59		59	59	62	188		
159	434			144	122	99		84	249	92	84			83		84	84	77	211		
184	459			166	144	122		114	259	107	114			99		84	84	87			

W

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

WASHINGTON																	
7%	7.2%	7.3%	7.5%	7.55%	4.125%	7.8%	7.9%	8%	8.1%	8.1%	8.7%						
0	0	131	0	129	0	126	0	0	124	282	7.8	0	0	0	117	8.1	0
1	1	1	1	143	1	139	1	1	138		2	1	1	1	129	2	1
1	1	1	1	156	1	153	2	3	151		0	2	1	14	141	0	1
7	6	6	6	170	6	166	7	6	164		7	6	6	6	154	6	5
21	20	19	184	19	179	19	19	19	177		19	18	18	18	166	18	17
35	34	33	198	33	193	33	32	190			32	31	31	30	179	30	28
49	48	47	211	46	206	46	46	203			44	44	44	43	191	43	
64	62	61	225	59		59	59	217			57	56	55	203	55		
78	76	74	239	73		72	72	230			70		67		67		
92	90	88	252	86		85	85	243			83		80		80		
107	104	102	269	99		98	98	256					92		92		
	118	115		113		111	111	269					104		104		

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

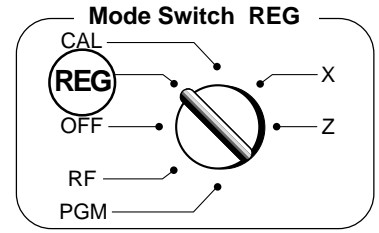
WISCONSIN				
4%	5%	5.5%	5.6%	
0	0	0	190	0
1	1	1	209	1
1	1	1		1
12	10	9		8
37	21	27		26
	41	45		44
	61	63		62
	81	81		80
	110	99		98
		118		116
		136		133
		154		
		172		

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
149		89	68
		109	84

4. Basic Operation after Basic Programming

Note:

Whenever an error is generated (E01 displayed), the input figures reset to 0. All printout samples are receipt images and the header (date, time and consecutive no.) are eliminated from the samples.

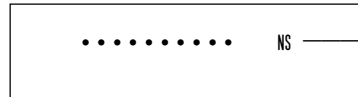


Part-1



4-1 Open the drawer without a sale

CHK / NS

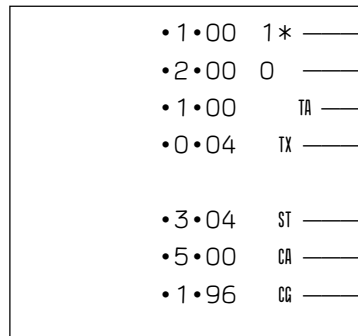
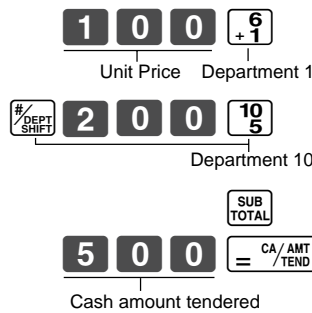


No Sales Symbol

4-2 Basic operation

Example

Unit Price	\$1.00	\$2.00
Quantity	1	1
Dept.	1	10
Cash Amount tendered	\$5.00	

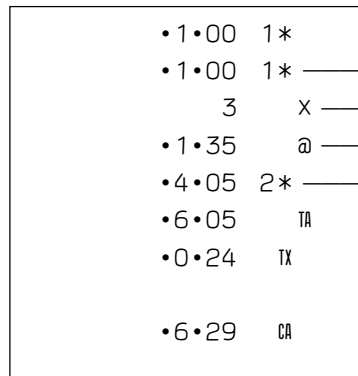
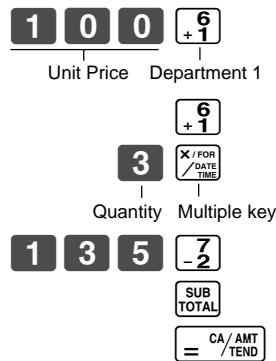


Departments 6 through 10 can also be registered in combination with the $\frac{\#}{\text{DEPT}}$ and $\frac{+}{1}$, $\frac{-}{2}$, $\frac{\times}{3}$, $\frac{+}{4}$ or $\frac{10}{5}$ keys, respectively. The $\frac{\#}{\text{DEPT}}$ key should be entered just before entering unit price manually.

4-3 Multiple registration on the same items

Example

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

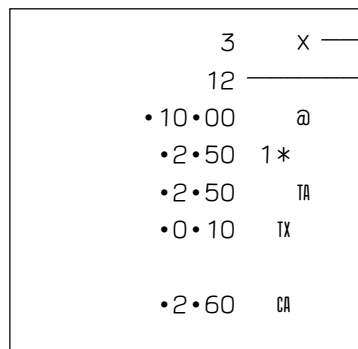
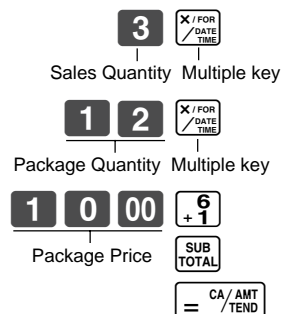


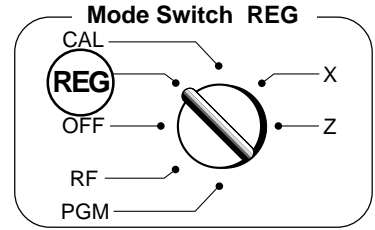
Note that repeated registration can be used with unit prices up to 6 digits long.

4-4 Split sales of packaged items

Example

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





4-5 Charge sales

Example

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

Operation	Printout
<p>1 0 0 6 +1</p> <p>2 0 0 7 -2</p> <p>3 0 0 6 +1</p> <p>SUB TOTAL</p> <p>CH</p> <p>Charge key</p>	<p>•1•00 1*</p> <p>•2•00 2*</p> <p>•3•00 1*</p> <p>•6•00 TA</p> <p>•0•24 TX</p> <p>•6•24 CH — Charge Sales</p>

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

4-6 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
<p>2 0 0 6 +1</p> <p>3 0 0 7 -2</p> <p>4 0 0 6 +1</p> <p>SUB TOTAL</p> <p>5 0 0 = CA/AMT TEND</p> <p>CH</p>	<p>•2•00 1*</p> <p>•3•00 2*</p> <p>•4•00 1*</p> <p>•9•00 TA</p> <p>•0•36 TX</p> <p>•9•36 ST</p> <p>•5•00 CA — Cash Amount Tendered</p> <p>•4•36 CH — Charge Sales</p>

4-7 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).

4-7-1 Before you press a department key

AC C key clears the last item entered.


Example

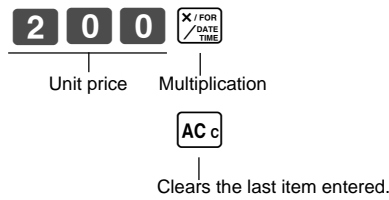
- Entered 400 for unit price by mistake instead of 100.

Operation	Printout
<p>4 0 0 AC C</p> <p>Wrong entry Clears the last item entered.</p> <p>1 0 0 6 +1</p> <p>Correct entry Registered Department 1</p>	<p>•1•00 1*</p>

Operation

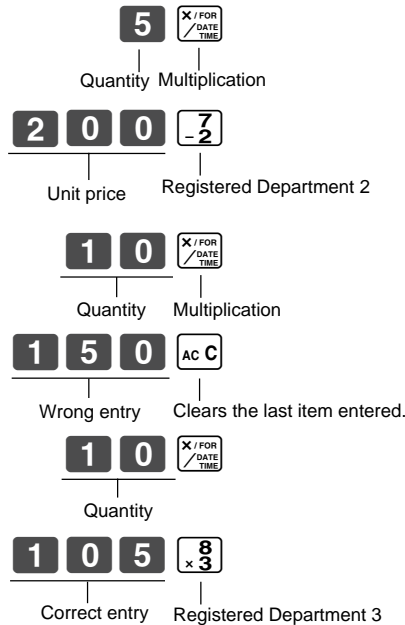
Printout

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



5 X
•2•00 @
•10•00 2*

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



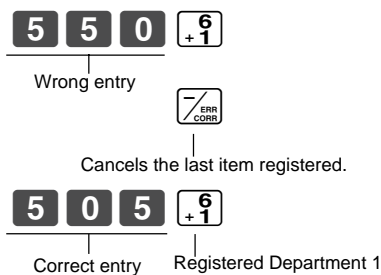
10 X
•1•05 @
•10•50 3*

4-7-2 After you pressed a department key

 key cancels the last registered item.

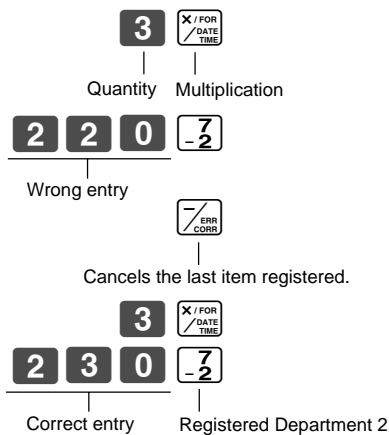
Example

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



•5•50 1*
-5•50 ∅
•5•05 1*

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



3 X
•2•20 @
•6•60 2*
-6•60 ∅
3 X
•2•30 @
•6•90 2*

Part-1

5. Daily Management Report

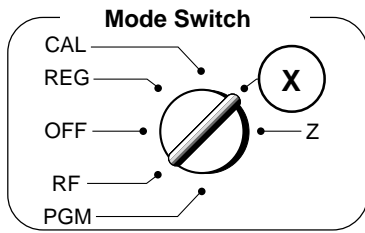
This section tells you the procedures to use to produce reports of the transaction data stored in the cash register's memory.

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



X / FOR
/ DATE

Printout

07-19-03	_____	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•18	* CK	Check Total in Drawer

5-2 General Control Read/Reset Report

Operation

5-2-1 Daily Read/Reset Report

Mode Switch to **X**
(Read)

Mode Switch to **Z**
(Reset)

= CA / AMT
/ TEND

= CA / AMT
/ TEND

Printout

Z (Reset) report

07-19-03	_____	Date
19-35 0073	1	Time/Consecutive No. /Clerk No.
0001	Z	Non-resettable Sales No. of Resets/RESET Symbol*1
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	9	
•0•00		
10	0	
•22•00		
108	*	Gross Sales No. of Items
•316•80	*	Gross Sales Amount

•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 $\left[\frac{CA}{AMT} \right]$ 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 $\left[\frac{CA}{AMT} \right]$ / TEND

07-19-03	_____	Date
19-50 0074	_____	Time/Consecutive No.
10	••••	X _____ X _____
67	*	Gross Sales No. of Items
•270•73	*	Gross Sales Amount
38	NT	Net Sales No. of Customers
•271•24	NT	Net Sales Amount



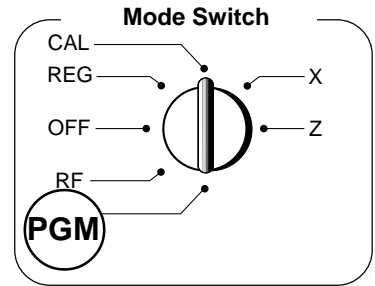
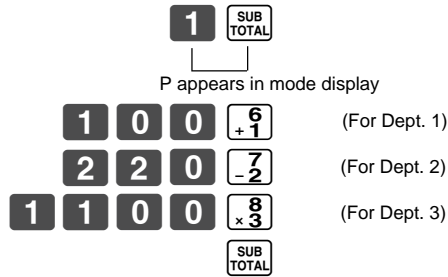
CONVENIENT OPERATION

1. Various Programming

1-1 Unit price for Departments

Example

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

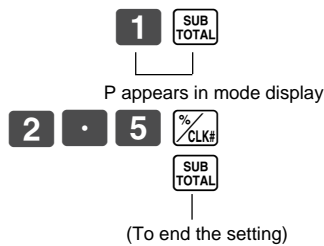


• Unit prices within the range of 0.01~9999.99.

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

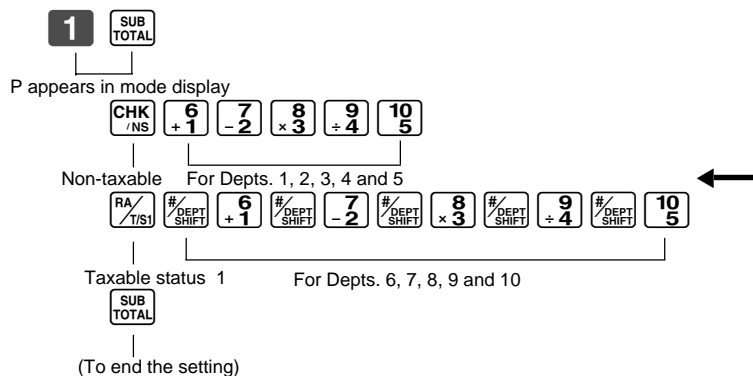
Tax status for the Departments are fixed as follows:

Departments 1~5: Taxable status 1 and 2.

Departments 6~10: Non-Taxable status.

Example

Status	Non-taxable	Taxable 1
Depts.	1~5	6~10

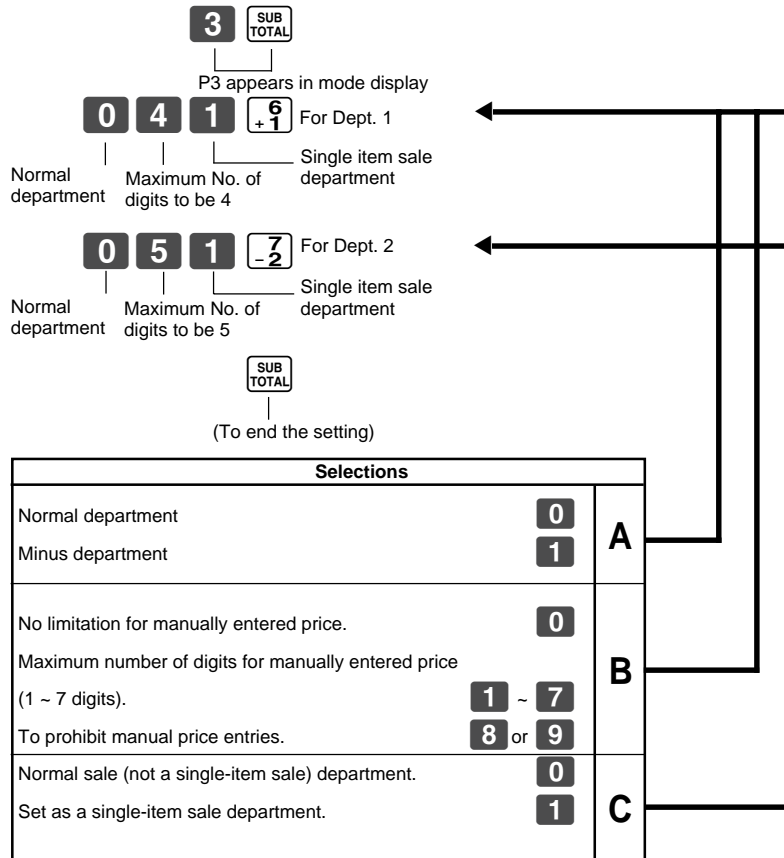


Selections	
Taxable status 1	RA /T/S1
Taxable status 2	PO /T/S2
Taxable status 1 and 2	RA /T/S1 PO /T/S2
Non-taxable status	CHK /NS

1-4 Status for Department

Example

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



Part-2

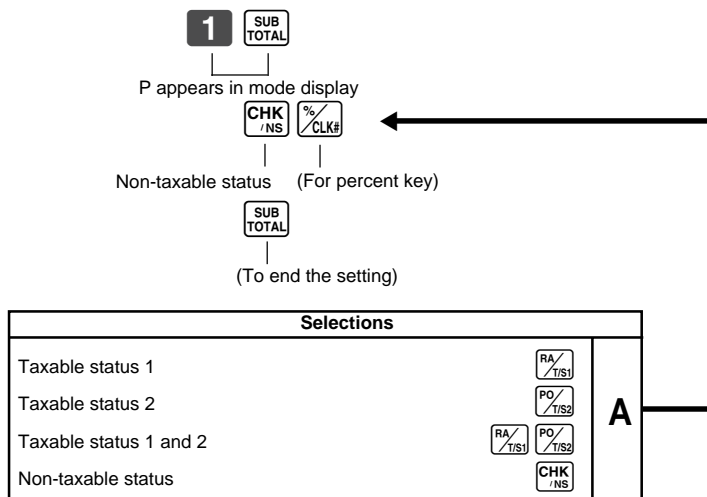
1-5 Status for percent key

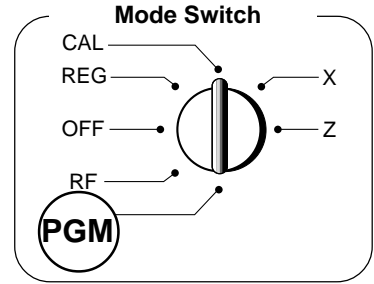
1-5-1 To change taxable status for the percent key

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

Example

Change Percent key registration as a Non-taxable.

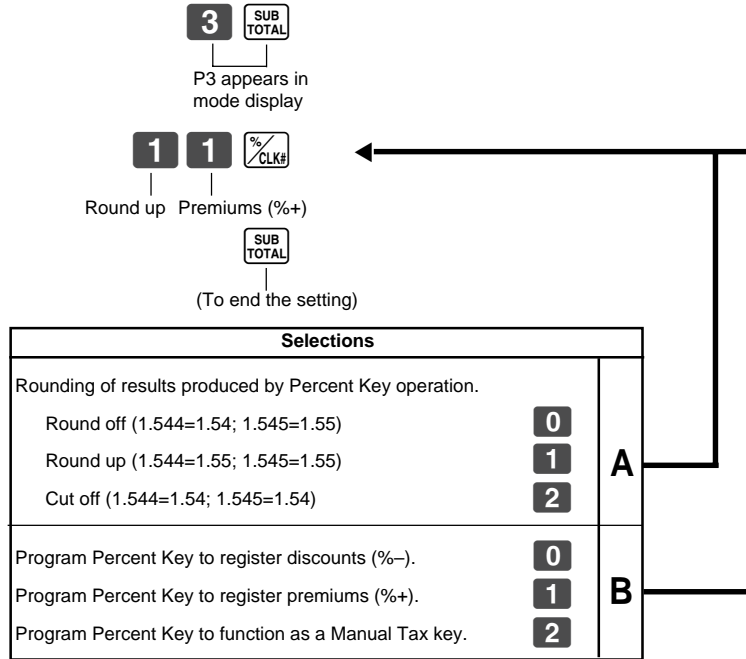




1-5-2 Status for percent key

Example

Round	Up
Percent	%+

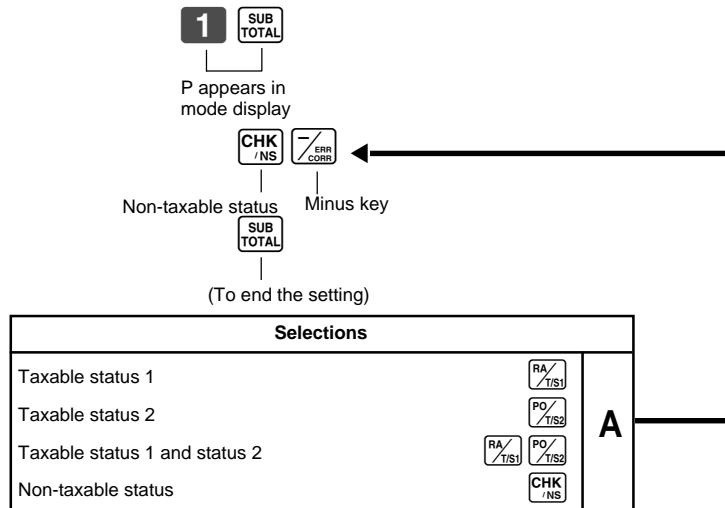


1-6 Taxable Status for minus key

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

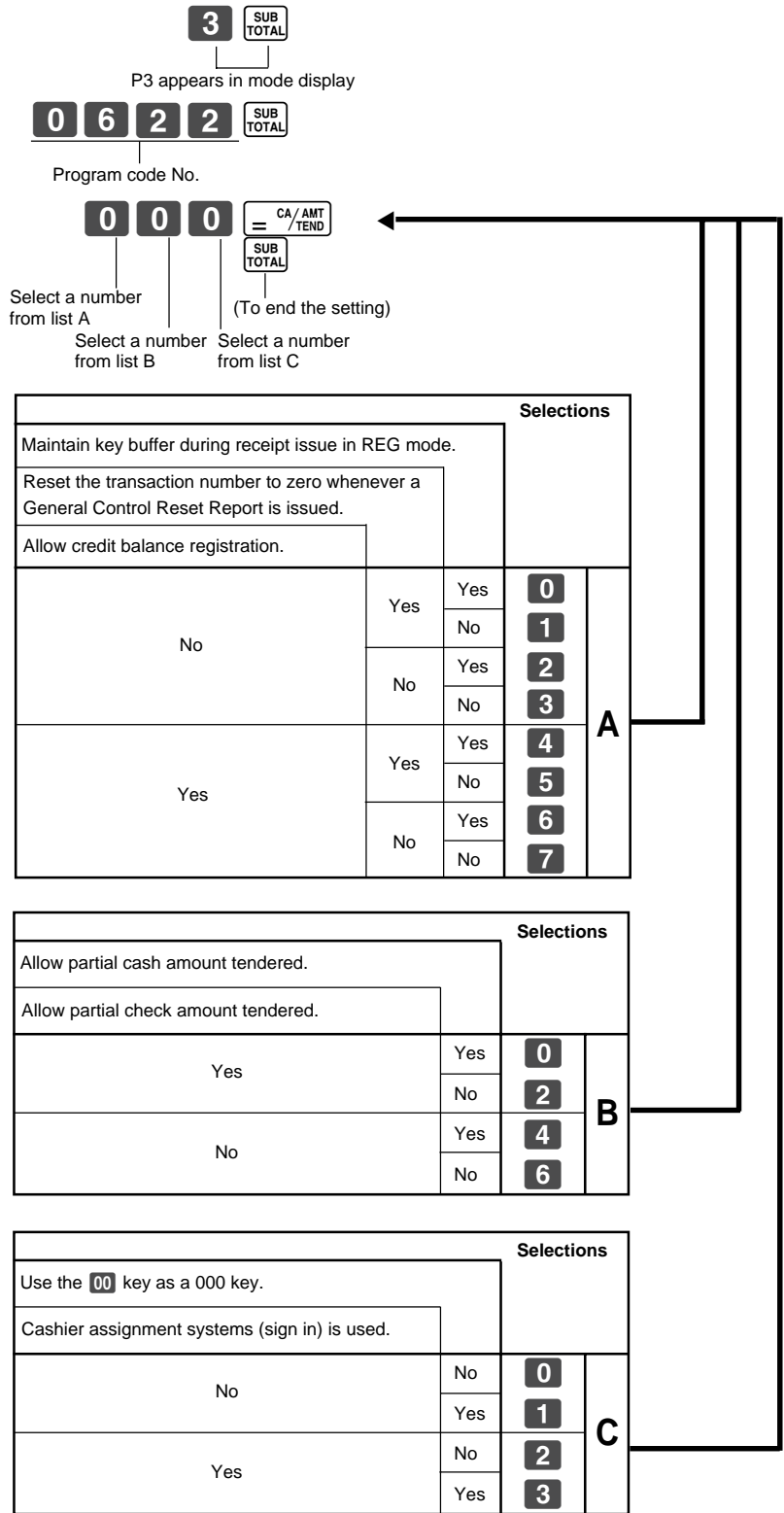
Example

Change minus key registrations
Non-taxable status.



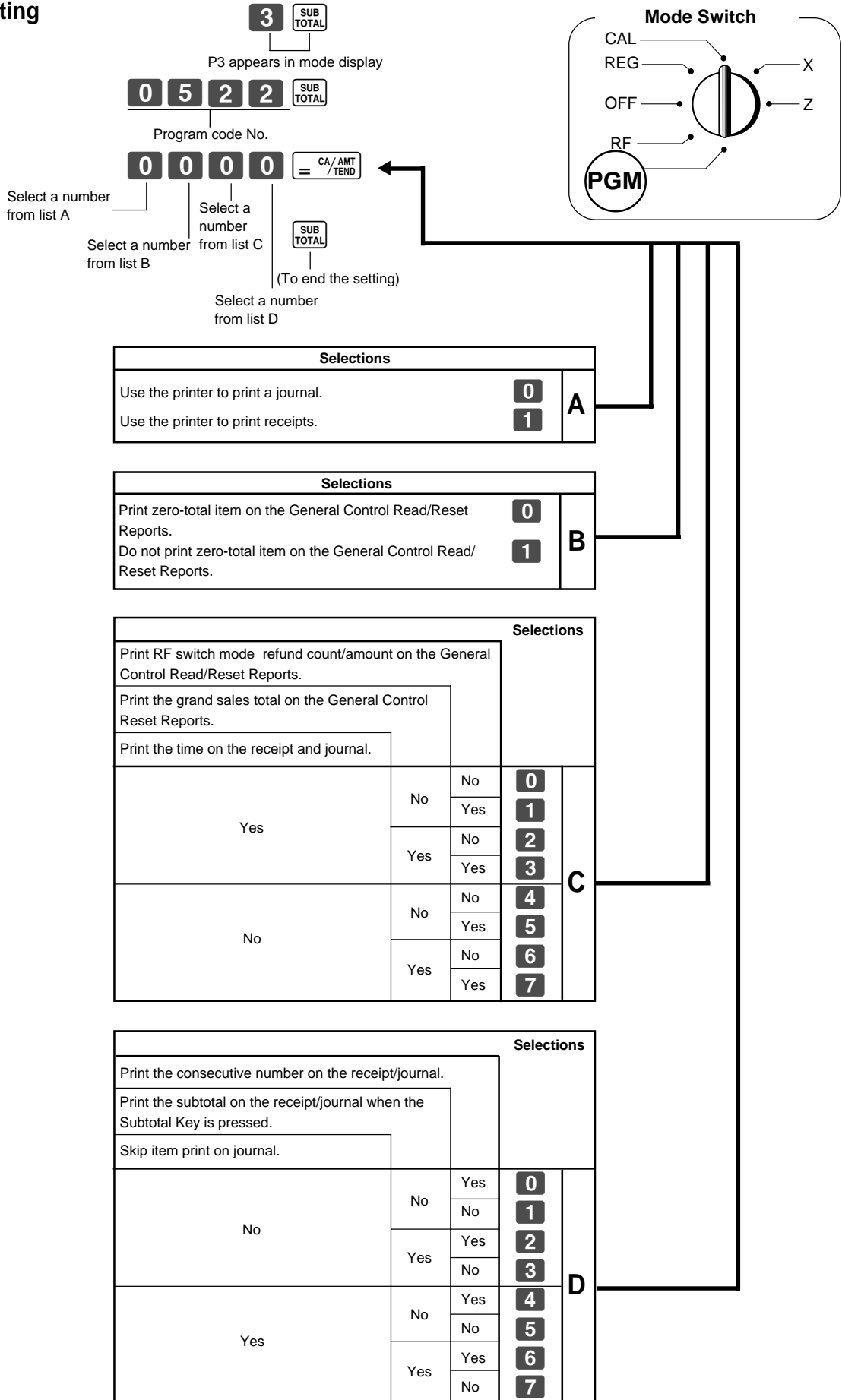
1-7 General features

1-7-1 To set general controls



Part-2

1-7-2 To set printing controls

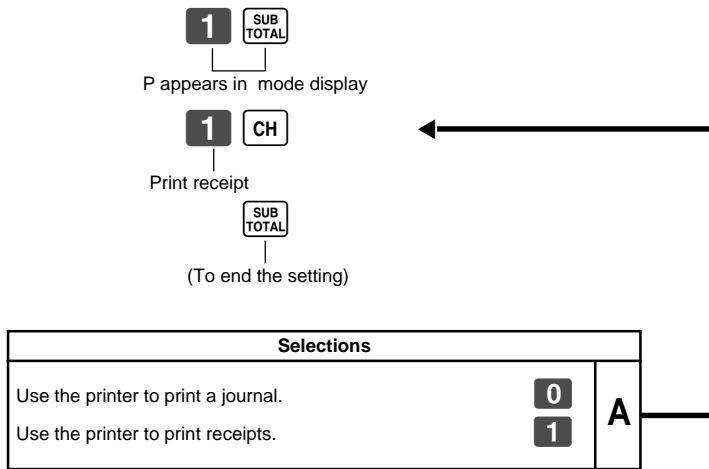


1-7-3 Printer switch for Receipt or Journal

The printer is fixed as journal after initialized operation.

Example

To print a receipt.



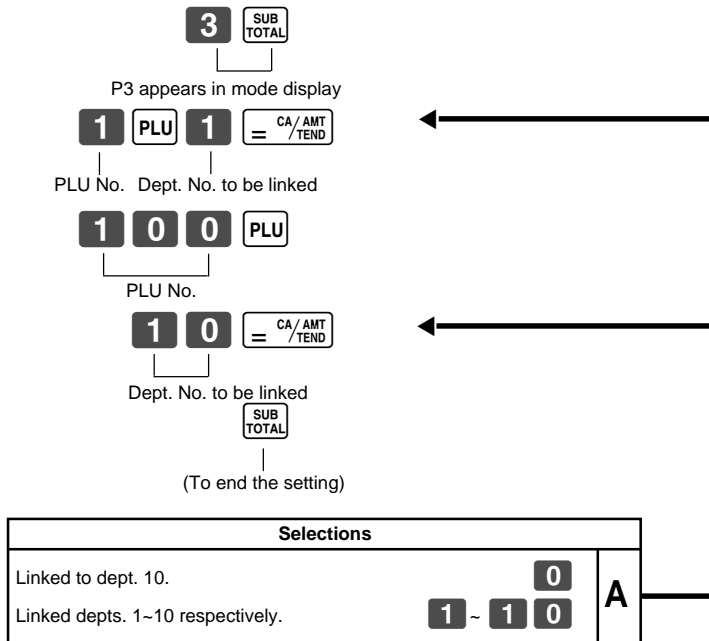
- Printer selection to print a journal or receipts can also be set on procedures 1-7-2 "To set printing controls".

1-8 PLU setting

1-8-1 Linkage with Departments

Example

PLU No.	1	100
Link Dept. No.	1	10



- 100 PLUs can be set.
- When the linked department is not specified, the PLU is linked to department 10.
- Status for a single-item sale and tax status are followed the specified linked department.

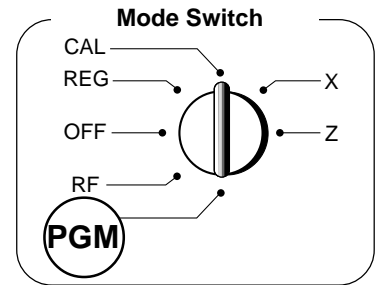
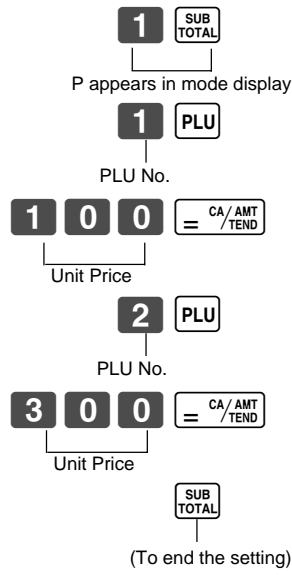
Note:

DO NOT link to minus department.

1-8-2 Unit Prices for PLUs

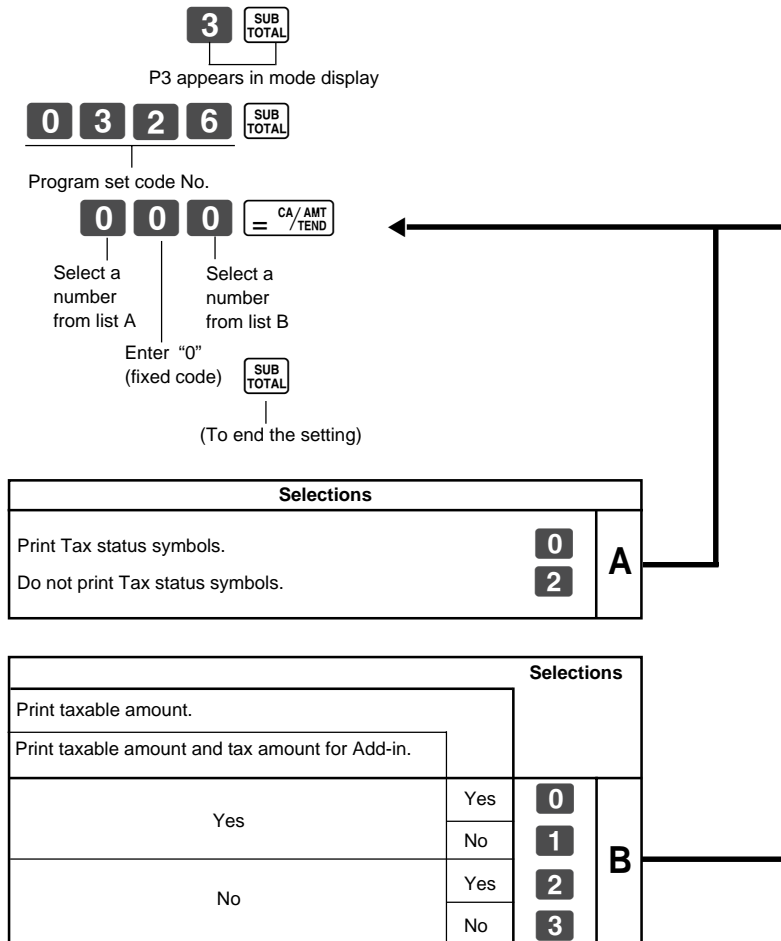
Example

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



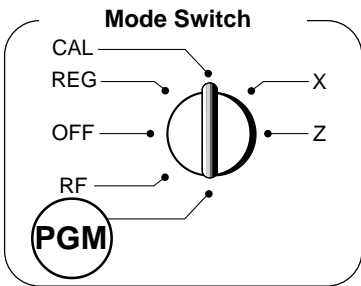
• Unit prices within the range of \$0.01~999.99.

1-9 To control Tax Status printing



1-10 Printing to read All Preset Data

1-10-1 Printing preset data except PLU settings



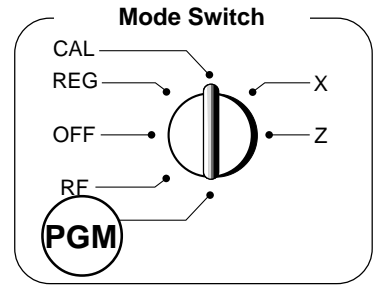
Operation

Printout

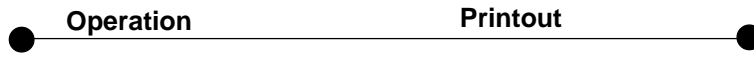
CA/AMT/TEND

07-19-03	_____	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		
0.....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...0002		Tax Control
0125.....		
0.0000	%	Tax Table 1
0001		Break Points Control
10		
30		
54		
73		
110		
0225.....		Tax Table 2
5.2500	%	Rounding Specifications/ Tax System Specifications
5002		
0000		
07-19-03		

Part-2



1-10-2 Printing preset PLU settings



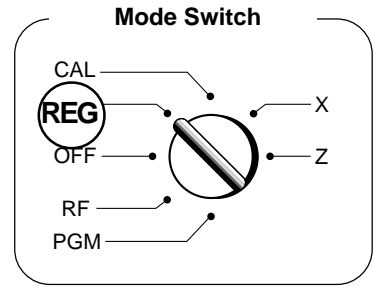
1 $\frac{CA}{AMT}$ / $\frac{TEND}{TEND}$

07-19-03	—	Date
14-26 0073	—	Time/Consecutive No.
X	—	Read symbol
001•••1•00	1	PLU No./Unit Price/ Linked department
002•••2•00	2	
003•••3•00	3	
004•••4•00	4	
005•••5•00	5	
006•••6•00	6	
007•••7•00	7	
009•••0•00	9	"0" means department 10.
100••10•00	1	
07-19-03		

2. Various Operations

2-1 Registration using preset price for Departments.

(Programming: See page 20)



Example

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

Operation

6 + 1
7 - 2
7 - 2
4 X / FOR / DATE / TIME x 3
SUB TOTAL
5 2 0 0 = CA / AMT / TEND

Printout

• 1•00	1*	Unit Price Programmed to Department 1
• 2•20	2*	Unit Price Programmed to Department 2
• 2•20	2*	Repeat
4	X	Multiplication Symbol
• 11•00	@	Unit Price Programmed to Department 3
• 44•00	3*	
• 49•40	TA	
• 1•98	TX	
• 51•38	ST	
• 52•00	CA	Cash Amount Tendered
• 0•62	CG	Change

Part-2

2-2 Single-Item Sales

(Programming: See page 21)

Example 1

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

5 0 6 + 1

• 0•50	1*	
• 0•50	TA	Taxable Amount
• 0•02	TX	Tax
• 0•52	CA	Cash Sales

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

(Programming: See page 21.)

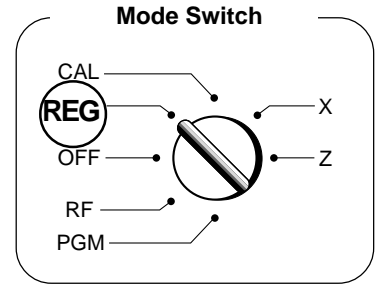
Example 2

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

1 0 0 7 - 2
5 0 6 + 1
SUB TOTAL
= CA / AMT / TEND

• 1•00	2*	
• 0•50	1*	
• 1•50	TA	Taxable Amount
• 0•06	TX	Tax
• 1•56	CA	Cash Sales

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



2-3 Check Sales

Example

Unit Price	\$35.00
Quantity	2
Dept.	4

Operation

3 5 0 0 $\frac{9}{+4}$

$\frac{9}{+4}$

SUB TOTAL

CHK / NS

Printout

```

•35•00 4*
•35•00 4*
•70•00 TA
•2•80 TX
•72•80 CK — Check Sales
    
```

2-4 Change the Tax Status

(Programming: See page 20)

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

$\frac{RA}{T/S}$

1 0 0 $\frac{6}{+1}$

2 0 0 $\frac{7}{-2}$

= CA / AMT / TEND

Printout

```

•1•00 1
•2•00 2 TX
•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

1 0 0 $\frac{6}{+1}$

1 0 $\frac{\%}{CLK}$

2 0 0 $\frac{7}{-2}$

= CA / AMT / TEND

Printout

```

•1•00 1*
•0•10 TX # — Manual Tax Symbol
•2•00 2*
•3•00 TA
•0•12 TX
•3•22 CA
    
```

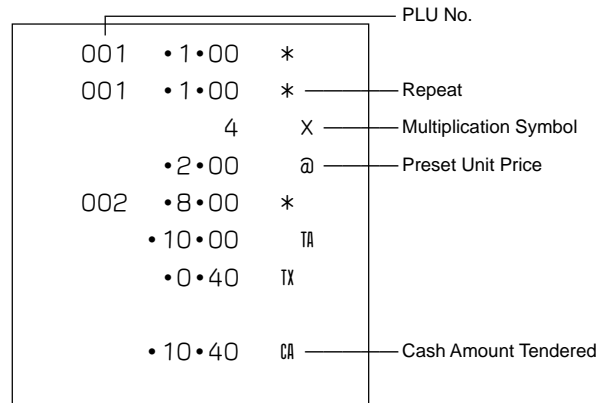
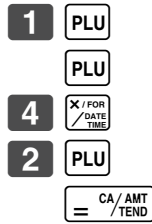
$\frac{\%}{CLK}$ key is programmed to function as a Manual Tax key (see page 22).

2-6 PLU operation

(Programming: See page 25)

Example

PLU No.	1	2
Unit Price	\$1.00	\$2.00
Quantity	2	4
Link Dept. No.	1	1
Cash Amount tendered	\$10.40	

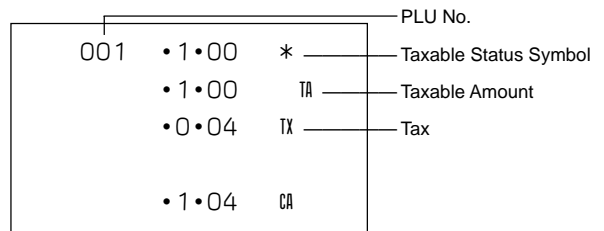


2-7 PLU Single-Item Sale

(Programming: See page 25)

Example

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

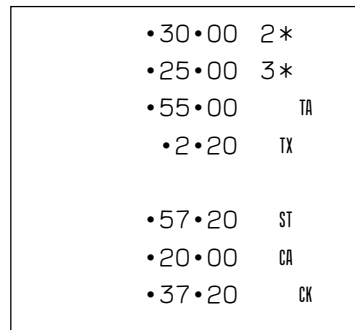
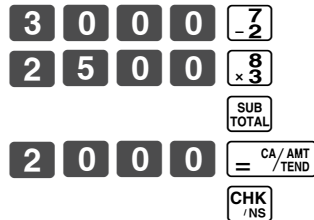


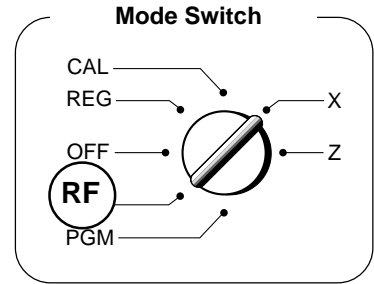
- For this example, linked department 1 is programmed for a single-item-sale. (Programming: See page 21)
- Single-item sale cannot be finalized if an item is registered previously.

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	





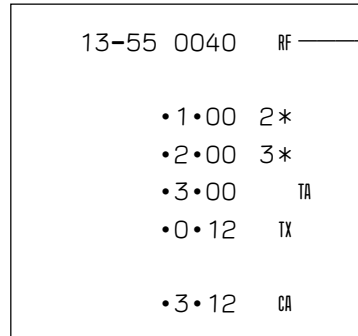
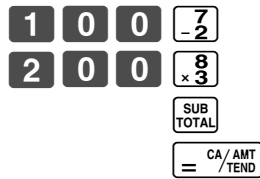
2-9 Refund

Operation

Printout

Example

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



Refund Mode Symbol

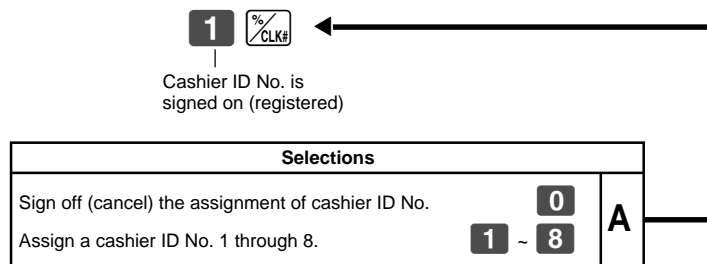
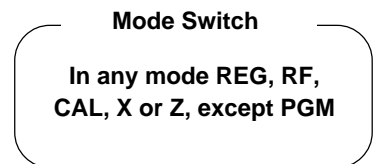
After you finish RF mode operation, be sure to return the Mode Switch to the REG (register) setting.

2-10 Cashier Assignment

(Programming: See page 23)

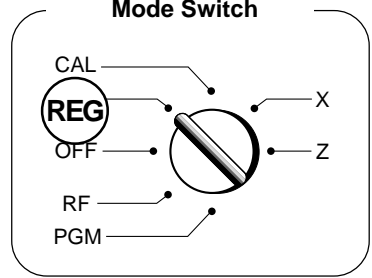
Cashier assignment system is used to control each cashier (or clerk) sales total. When you select this function on page 23, you can get 8 cashiers (or clerk) sales data.

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



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

Mode Switch



2-11 Other registrations

2-11-1 Reading the Time and Date

Operation	Display	
<input checked="" type="checkbox"/> FOR DATE TIME	<div style="border: 1px solid black; padding: 2px; display: inline-block;">13-53</div>	Hour/Minute
<input checked="" type="checkbox"/> FOR DATE TIME	<div style="border: 1px solid black; padding: 2px; display: inline-block;">07-19-03</div>	Month/Date/Year
AC C	<div style="border: 1px solid black; padding: 2px; display: inline-block;">0.00</div>	

• Flashes per second

2-11-2 Paid out from cash in drawer

Operation	Printout	
<div style="display: flex; justify-content: space-around;"> 1234 </div> <div style="display: flex; justify-content: space-around;"> 5678 </div> <div style="text-align: center;"> </div> <div style="text-align: center;">Enter reference No.</div> <div style="display: flex; justify-content: space-around;"> 1000 </div>	<div style="border: 1px solid black; padding: 5px;"> 12345678 # 07-19-03 13-57 0041 •10•00 PO </div>	Reference Number Paid Out Amount

2-11-3 Cash received on account

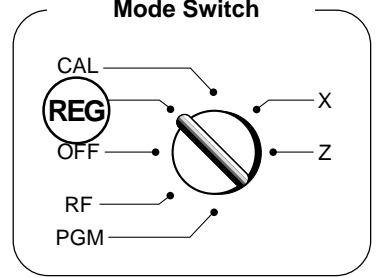
Operation	Printout	
<div style="display: flex; justify-content: space-around;"> 600 </div>	<div style="border: 1px solid black; padding: 5px;"> •6•00 RA </div>	Received On Account Amount

2-11-4 Registering identification numbers

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

<div style="display: flex; justify-content: space-around;"> 1234 </div> <div style="display: flex; justify-content: space-around;"> 5678 </div> <div style="text-align: center;">5 0</div>	<input checked="" type="checkbox"/> DEPT SHIFT <input checked="" type="checkbox"/> 6 + 1 <input checked="" type="checkbox"/> CA/AMT TEND	<div style="border: 1px solid black; padding: 5px;"> 12345678 # 07-19-03 13-59 0046 •0•50 1* •0•50 TA •0•02 TX •0•52 CA </div>	Reference No. or ID No.
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------

Mode Switch

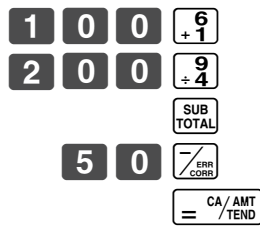


2-11-5 Reduction on subtotal

Operation

Printout

Example
Amount due reduced by \$0.50.

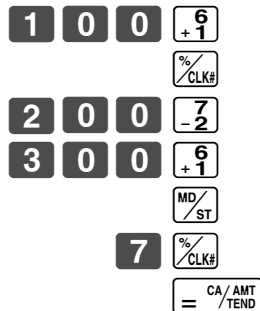


•1.00	1*
•2.00	4*
•3.12	ST
-0.50	
•3.00	TA
•0.12	TX
•2.62	CA

See page 24 to print the subtotal line.

2-11-6 Premium/Discount

- 2.5% premium/discount (programmed to $\frac{\%}{\text{CLK}\#}$ key) applied to first item.
- Be sure to use $\frac{\text{MD}}{\text{ST}}$ key when you wish to apply a premium/discount to the subtotal. You cannot use the $\frac{\text{SUB}}{\text{TOTAL}}$ key.
- 7% premium/discount applied to transaction total.
- For programming the $\frac{\%}{\text{CLK}\#}$ key as percent minus or percent plus, see page 22.
- For programming percent rate, see page 20.



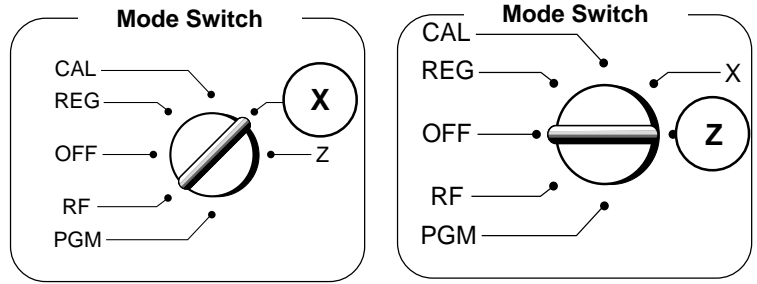
Premium

•1.00	1*
2.5	% — Premium Rate
•0.03	* — Premium Amount
•2.00	3*
•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	3*
•3.00	1*
•5.97	ST — Subtotal
7	% — Discount Rate
-0.42	* — Discount Amount
•5.55	TA
•0.23	TX
•5.78	CA

2-12 PLU report



Operation **Printout**

Mode Switch to **X**
(Read)

Mode Switch to **Z**
(Reset)

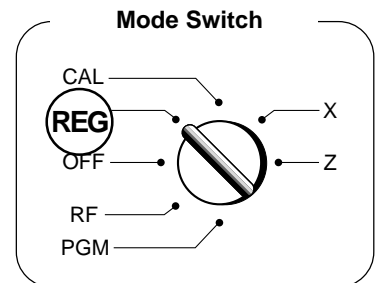
0 1 = CA/AMT / TEND

07-19-03		
19-35 0073		
01 0001	Z	Report code/Reset Counter
001 12		PLU No./No. of items
• 12•00		Amount
002 27		
100		
• 180•00		
1284		PLU total count
• 10856•89		PLU total amount

Part-2

2-13 About the daylight saving time

It is possible to set the internal clock forward/backward by 1~9 hour(s) for the daylight saving time.



Operation **Display**

• Forward by 1 hour

X / FOR / DATE / TIME

* **1**

X / FOR / DATE / TIME

AC C

12-34

12-34 (blinking)

13-34

Set forward by 1 hour.

0.00

• Backward by 1 hour

X / FOR / DATE / TIME

- 7 / 2

* **1**

X / FOR / DATE / TIME

AC C

12-34

12-34 (blinking)

12-34 (blinking)

11-34

Set backward by 1 hour.

0.00

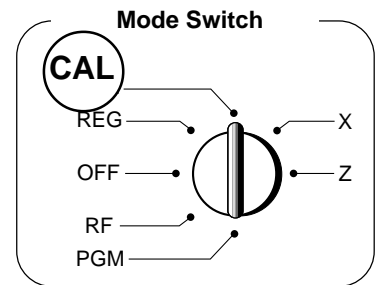
*Put **2 ~ 9**, in case of set the clock by 2~9 hours.

Part 3

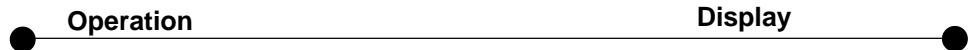
CALCULATOR FUNCTION

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

AC c

5 +₁ 1 AC c
(Cancels item entered.)

5 +₁ 3 -₂ 2 = CA/AMT/TEND

2 3 -₂ 5 6 ×₃ 7 8 = CA/AMT/TEND

4 ×₃ 3 -₂ 6 ÷₄ 3 · 5 +₁ 8 = CA/AMT/TEND

1 5 0 0 ×₃ 1 2 % CLK#

0

6

-2574

9.7142857

180

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).

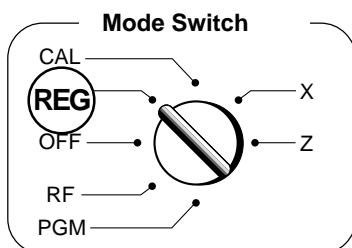
PLU ÷₄ 3 = CA/AMT/TEND

Memory recall

10

On REG mode

Recalls the current result by pressing CA/AMT/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.



PLU = CA/AMT/TEND

PLU = CA/AMT/TEND

PLU = CA/AMT/TEND

Memory recall

•10.00 1

•20.00 2

•30.00 ST

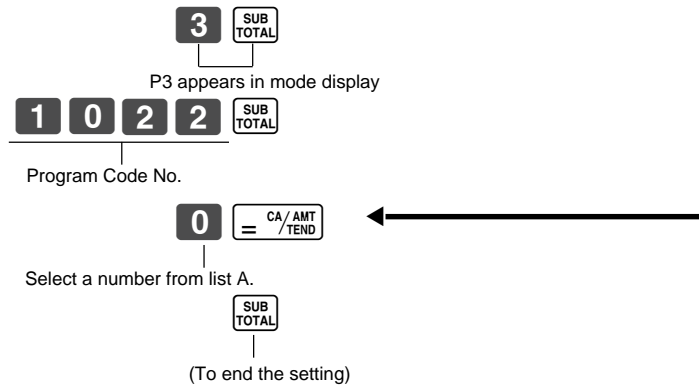
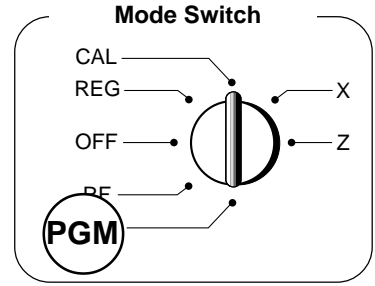
•10.00 CA

•10.00 CA

•10.00 CA

•0.00 CG

1-3 Setting for calculator operation



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

A

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

Part-3



USEFUL INFORMATION

1. Troubleshooting

	Symptom/Problem	Most common causes	Solutions
1	E01 appears on the display.	Changing modes without completing transaction.	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 1 ~ 8 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.

2. Specifications

INPUT METHOD

Entry: 10-key system; Buffer memory 6 keys (2-key roll over)
 Display (Digitron): Amount 8 digits (zero suppression); Department/PLU 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 × 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 3/4"(H)×13"(W)×14 3/16"(D) with S drawer
 (222 mm(H)×330 mm(W)×360 mm(D))
 Weight: 9 lbs 4 oz (4.2 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 has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

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

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.

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P. O. BOX 7000, DOVER, NEW JERSEY 07801 U.S.A.

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Your Name:

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