

## 1. REFERENCE DOCUMENTS

- 1) PRINTER CP-727CR SERVICE MANUAL (00ZCP727CRSME)
- 2) CASH REGISTER BASIC MANUAL

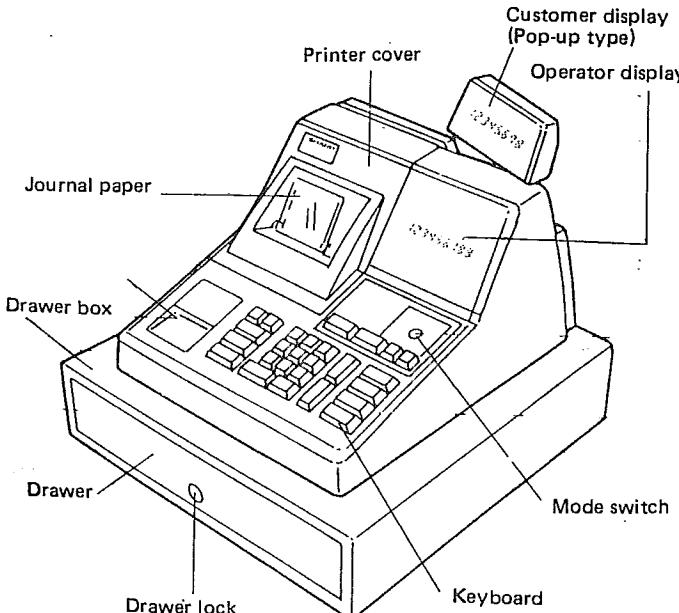
## 2. OPTIONS

- 1) ER10DT  
Expansion key kit for 4 Department keys. Refer to page 20.
- 2) Stamp unit  
Service option. Refer to page 21.
- 3) Drawer compulsion  
Service option Refer to page 22.
- 4) Waterproof Key Cover  
Service part (GCOVB6862RCZZ)

## 3. OUTLINE OF FUNCTIONS

1. Two departments standard =option for 4 departments max.
2. % key.
3. Multiplication and Repeat.
4. Paid out key and Received on account key.
5. Cash, Check and Charge tendering.
6. Tax table (49 break points).
7. Void key and Void mode.
8. Non add code key.
9. No sale.
10. 2 ply paper available.
11. Minus (discount)
12. Stamp option = Service option
13. Currency Conversion (other than U.S.A.)

## 4. SPECIFICATIONS



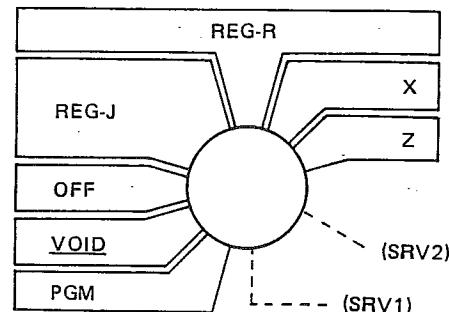
### 4-1. Rating

- 1) Power source: U.S.A., CANADA, PANAMA  
AC 120V ±10%, 60Hz
- 2) Power consumption: SOUTH AFRICA  
AC 220V ±10%, 50/60Hz  
Stand-by 4.5W,  
Operating 14.2W (max.)
- 3) Working temperature: 0 to 40 Degree C  
(32 to 104 Degree F)
- 4) Built-in battery: Nickel-cadmium rechargeable battery  
Memory holding time: (Approximately) one month (with built-in battery recharged completely at room temperature.)

### 4-2. Keyboard

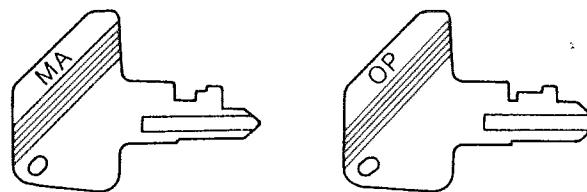
SRV key parts Code: LKGIM7087RCZZ

### ER-1565 MODE SWITCH

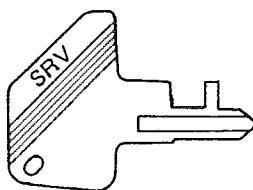


• Master key (MA)

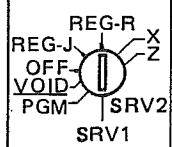
• Operator key (OP.)



• Service key (SRV)



## MODE SWITCH

|  | POSITION            | OP KEY | MA KEY | SRV KEY |
|--|---------------------|--------|--------|---------|
| <br>REG-J<br>OFF<br>VOID<br>PGM<br>SRV1<br>SRV2<br>X<br>Z | SRV2                |        |        | +       |
|  | SRV1                |        |        | +       |
|  | PGM                 |        | +      | +       |
|  | VOID                |        | +      | +       |
|  | OFF                 | ++     | ++     | ++      |
|  | REG-journal (REG-J) | ++     | ++     | ++      |
|  | REG-receipt (REG-R) | ++     | ++     | ++      |
|  | X                   | +      | +      | +       |
|  | Z                   |        | +      | +       |

+= Position available.

++= Position available to remove/insert key

REG-J: Permits transaction registrations. (Journal)

REG-R: Permits transaction registrations. (Receipt)

X: Permits reading of sales.

Z: Permits reading and resetting of sales.

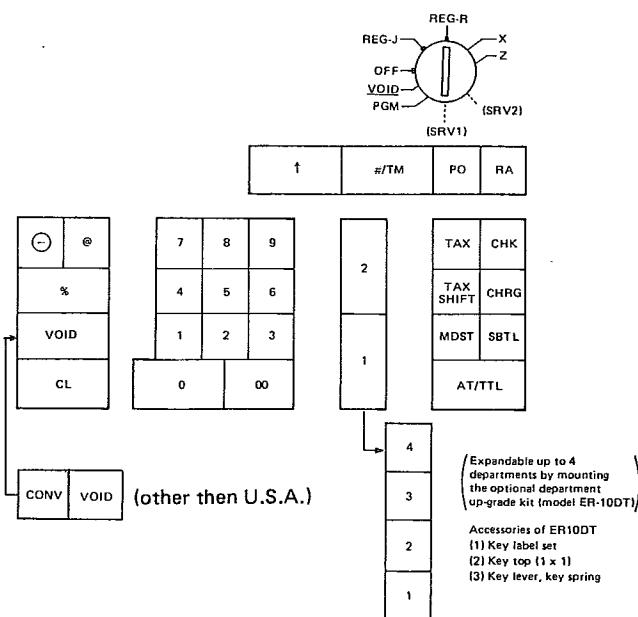
PGM: Permits machine programming.

VOID: Allows for the reversal of complete transaction entries.

OFF: Turns the machine off. The machine's display is cleared and no machine operation is allowed. The machine's memory contents, however, are retained.

ER-1565

KEY BOARD LAYOUT



↑: Paper-feed key

#/TM: Non add/Time display key

PO: Paid-Out key

RA: Received on account key

(⊖): Minus key

@: Multiplication key

%: Percent key

VOID: Void key

CL: Clear key

0,00, 1 ~ 9: Numeric key

1, 2: Department key

(1 ~ 4): Department key option (ER-10DT)

TAX: Tax key

CHK: Check key

TAX SHIFT: Tax shift key

CHRG: Charge sale key

MDST: Merchandise Sub total key

SBTL: Sub total key

AT/TTL: Amount-tendered/Total/No-sale key

CONV: Currency Conversion

(other than U.S.A.)

#### 4-3. Display

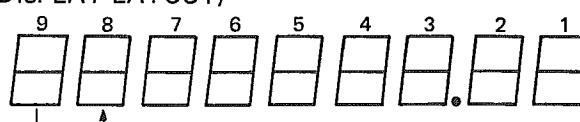
##### 1. Front display (Operator display)

(DISPLAY DEVICE):

9 digit, 7-segmented type. (Blue color)

Letter size: 7.4mm (H); 5.5mm (W)

##### (DISPLAY LAYOUT)



Amount, code, time  
(a maximum of 7 digits)

Repeat counter, Minus

Department, total (F),  
Change (L), sub-total (L),  
error (E), program (P)

The following symbols can appear in the operator display.

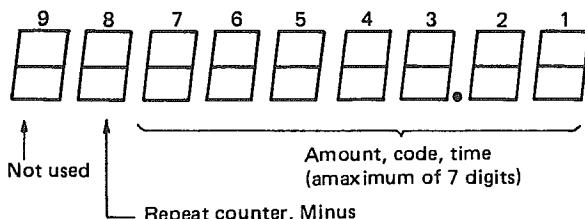
- “E” in the 9th position: Error condition
- “-” in the 8th position (fixed position): Minus symbol\*
- “P” in the 9th position: Program mode
- “L” in the 9th position: Sub-total
- “F” in the 9th position: Finalization
- “L” in the 9th position: Change

(\*) The minus symbol light up when the amount entered is negative by using the void or minus key.

The number of repeats is displayed for “2” and counted up with each repeat. When ten times registrations are done, the display shows “0”.

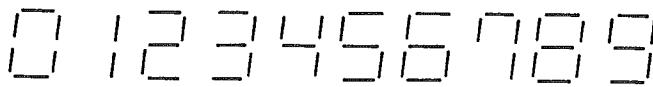
Example: (2 → 3 → 4 ..... 9 → 0 → 1 → 2 .....)

2. Rear display (Customer display [POP up type])  
The same device is used for the customer display as operator display.

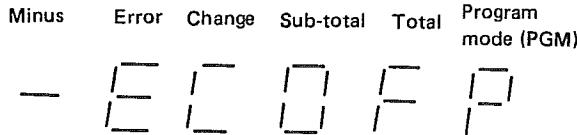


### 3. Display type and capacity

- 1) Type: 7-segment type green fluorescent display
- 2) Amount, code: Max 7 digits, Dept: 1 digit, Repeat: 1 digit
- 3) Figure



### 4) Symbol

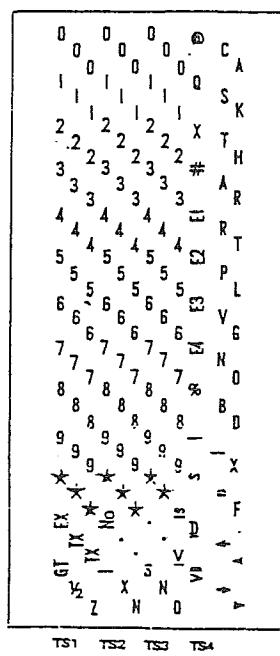


5) Repeat counter: Incrementing counter, starts from 2.

## 4-4. Printer

- (1) Overview of the printer  
[Type: CP-727CR]
- 1) Printing system: 1-station flying drum type printer.
- 2) Printing capacity: 12 digits. – amount: 9 digits (columns 4 to 12), symbol: 3 digits (columns 1, 2 and 3)
- 3) Dimension of printed character: Figure: Approx. 2.8(H) x 1.6(W) mm, Spacing: Approx. 2.8mm between characters, 5.2mm between lines.
- 4) Printing speed: about 3.5 lines/sec.
- 5) Functions: Stamp option
- 6) Roll Paper width:  $57.5 \pm 0.5$ mm (2-1/4 in b1/64 in.)  
Max. roll diameter: 80 mm. (3-5/32 in.)
- 7) Paper quality: Bond paper (Approx. 0.07 mm in thickness, 52.3 g/m<sup>2</sup> in weight)
- 8) Color of print: (ink ribbon)  
Purple (Single color)  
Width: 33/64 in. (13mm)  
Length: 13 feet 1-15/32 (4m)

## (2) PRINTING WHEEL LAYOUT (Print wheel pattern)



Print wheel part code: 00CN7014-35//

Price rank: BD

## 4-5. REG-J and REG-R MODES PRINTING SAMPLE

RECEIPT TYPE (REG-R mode registrations)

|                                      |                              |
|--------------------------------------|------------------------------|
| 11-27.85                             | * DATA (MM/DD/YY)            |
| 1 <del>TX</del> *7.00                | * ITEM REGISTRATION          |
| *4.00 -                              | MINUS KEY                    |
| 2 *13.45                             | 10% PREMIUM FOR 2 DEPT.      |
| 10.00%                               | REPEAT (TAXABLE ITEM)        |
| *1.35                                | VOID                         |
| 1 <del>TX</del> *10.50               | Quantity                     |
| 1 <del>TX</del> *10.50               | MULTIPLICATION, Unit price   |
| 1 <del>TX</del> *10.50 <del>VD</del> | Merchandise sub total        |
| 7Q                                   | AUTO TAX                     |
| 1.65@                                | *                            |
| 1 *11.55                             | TOTAL                        |
| *50.35 ST                            | AMOUNT-TENDERED              |
| *1.02 TX                             | CHANGE AMOUNT                |
| *51.37 TL                            | *                            |
| *60.00 AT                            | MACHINE No./ CONSECUTIVE No. |
| *8.63 CG                             | TIME                         |
| 123 <del>O</del> 1234                |                              |
| 11-50                                |                              |

The journal type printing (i.e printing of REG-J mode registrations) has no stamp, date printing and the \*-marked space lines with the same contents of the receipt type.

The date has actually been printed at the end of the prior transaction.

The numerical value on this sample may be incorrect.

## 4-6. Reading, Resetting Reports

## REPORT EXAMPLE

|               |                        |
|---------------|------------------------|
| 09-15 • 86    | Date (MM/DD/YY)        |
| Z 0014        | Z-counter              |
| GT *** 12345  | GT (12 digits)         |
| 14127 • 67    |                        |
| 1 91237       | Dept. 1 (with counter) |
| * 434 • 23    |                        |
| 2 90046       | Dept. 2 (with counter) |
| * 101 • 58    |                        |
| * 535 • 81 TL | Sum of Dept. 1 and 2   |
| * 1 • 78 - -  | Discount or Coupon     |
| % ST          |                        |
| * 0 • 66      | % for SBTL             |
| * 534 • 69 NT | Net                    |
| %             |                        |
| * 0 • 56      | % for DEPT             |
| * 4 • 73 TX   | Tax                    |
| * 4 • 56 VD   | Void                   |
| * VD          |                        |
| * 22 • 33     | Void mode total        |
| * 20 • 00 RA  | Received on account    |
| * 15 • 00 PO  | Paid out               |
| * 2 • 01 CK   | Check sale             |
| * 12 • 96 CH  | Charge sale            |
| * 524 • 45 CA | Cash sale              |
| 90004 Q       |                        |
| * 529 • 45 TL |                        |
| 05690482      |                        |
| 9-21          |                        |

## 4-7. Memories

## TOTALIZERS, COUNTERS AND PRESETS

| ITEM  | TOTALIZER  | COUNTER    | PRESET  | NOTE   |
|---|------------|------------|---|--|
| GT (GRAND TOTAL)                              | 12Dgx1S    |            |   |  |
| Z counter                                     |            | 4Dgx1      |   |  |
| DEPT.<br>STANDARD: 2 DEPTS<br>OPTION: 4 DEPTS | 7Dgx2(4) S | 4Dgx2(4) S | TAX SORT<br>+/-<br>5Dgx2(4)<br>HALO<br>SIS  | Sign<br>Unit price<br>Digit HALO<br>Single item sale |
| DEPT. TTL                                     | 7Dgx1 S    |            |   | Calculated amount*                                   |
| Minus (-)                                     | 7Dgx1 S    |            | TAX SORT<br>5Dgx1<br>HALO<br>SIS  | Unit price<br>Digit HALO<br>Single item sale         |
| SBTL%   | 7Dgx1 S    |            | % presets   | % rate, +/-, TAX SORT                                |
| NET   | 7Dgx1 S    |            |   | Calculated amount*                                   |
| ITEM%   | 7Dgx1 S    |            | % presets   | % rate, +/-, TAX SORT                                |
| TAX   | 7Dgx1 S    |            | 49 Breakpoint Maximum tax table or 6 digits<br>straight or Manual (digit HALO) TAX. |  |
| VOID  | 7Dgx1      |            |   | Last and Past item void total                        |
| VOID MODE                                     | 7Dgx1      |            |   | Void mode total                                      |
| P/O   | 7Dgx1 S    |            |   |  |
| R/A   | 7Dgx1 S    |            |   |  |
| CASH SALE                                     | 7Dgx1 S    |            |   |  |
| CHARGE  | 7Dgx1 S    |            |   |  |
| CHECK   | 7Dgx1 S    |            | HALO  | Digit HALO   |
| CID   | 7Dgx1 S    |            |   |  |
| customer                                      |            | 4Dgx1 S    |   |  |
| consecutive                                   |            | 4Dgx1      |   |  |
| machine #                                     |            |            | 3Dgx1   |  |

Dg: Digit (S): Sign (+/-)

## GRAND TOTAL (GT) FORMULA

The non-resettable GT figure which appears on the Z report satisfies the following formula.

Current GT = Old GT (i.e. from the previous Z report)  
 + IDEPT 1I + IDEPT 2I + I (-) I  
 + ISBTL %I + ITAXI + I VOID I

(Note) The symbol of I | I stands for absolute value.

## (NOTE)

\* The amount is calculated from the related totalizers (i.e. no actual totalizer exists).

## ABBREVIATIONS

----- x -----  
 MEMORY QUANTITY  
 SIZE OF MEMORY BLOCKS  
 OF A BLOCK  
 "S" means "with +/- sign".

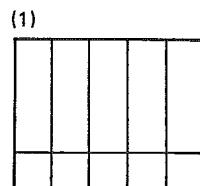
#### 4-8. Drawer

1) Type: Metallic drawer

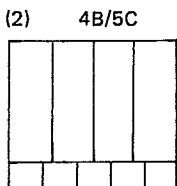
- (1) — The till and drawer are made of plastics and are integral with each other (The till is not detachable from the drawer).
- (2) — Manual opening lever provided (in the drawer bottom)
- (3) — No drawer bell

2) Compartment

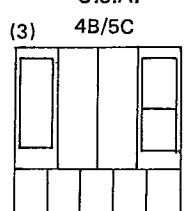
|                   |  |
|-------------------|--|
| (1) U.S.A:        | 5 Bills/5 Coins  |
| (2) CANADA:       | 4 Bills/5 Coins  |
| (3) SOUTH AFRICA: | 4 Bills/5 Coins, with bill separator and sub-coin case |
| (4) Barbados:     | 4 Bills/5 Coins  |



U.S.A.



CANADA



SOUTH AFRICA

3) LOCKS

LOCK: 180° counter clockwise  
UNLOCK: 180° clockwise

#### 4-9. Clock Function

Time Display

- 1) By depressing **#/TM** key, hours and minutes will be displayed in REG and VOID modes.
- 2) 12-hour format or 24-hour format can be selected in the SRV mode.
- 3) Dual display (Front/Rear Display)
- 4) Pressing any other key causes the time display to disappear.
- 5) Time can be set in the PGM mode.

#### 4-10. Error Processing

All errors are treated as a "lock error" except **CL** key operation, when "All lock error" is selected in the SRV mode. (SRV JOB #1 item B)

The "lock error" condition occurs if,

1. The wrong key operation is used.
2. The input number exceeds 7 digits.
3. The subtotal exceeds 6 digits (also in the case where the additional calculation caused the subtotal to exceed 7 digits).

In either case, the error mark "E" is displayed and the error (continuous) sound occurs. Depressing the **CL** key cancels the error condition.

#### 4-11. Power Failure Mark (\*\*\*\*\* No.)

- 1) Power failure while waiting or operating: the sequence at power fail will be completed.
- 2) Power failure while printing: the printing is started again after printing "\*\*\*\*\* No."
- 3) Power failure during X/Z printing: the printing is started again after printing "\*\*\*\*\* No."

NOTE: When printing multiple lines, the printing will be started from the first line.

#### 4-12. Overflow Processing

- 1) When the totalizer (7 digits) overflows, an overflow message is printed on the X/Z report.

- 2) Print format

|          |         |    |
|----------|---------|----|
| ***      | 1234-46 | CA |
| 90011 0  |         |    |
| ***      | 1234-46 | TL |
| 05690467 |         |    |
| 9-17     |         |    |

### 5. SERVICE (SRV) MODE

For setting the SRV (1, 2) mode, use the service key (the letters SRV engraved on it).

#### 5-1. Program Reset (Program Loop Reset)

[Display: **3 2 1**]

This operation resets the program to the key halt condition if the machine does not operate normally. Use this manual reset operation first to clear problems.

- Operation: (1) Turn the mode switch to SRV2 position.
- (2) Turn the mode switch from SRV2 position to SRV1 position.

#### 5-2. All-Memories Clear (Master Reset)

[Display: **3 2 1**]

This operation clears all the memories (Preset memories, Totalizers, Counters) in the RAM and Reset the program to the key halt condition.

- Operation: (1) Turn the mode switch to SRV2 position.
- (2) Depress keeping numeric **9** keys.
- (3) While holding the **9** key down, turn the mode switch from SRV2 position to SRV1 position.

NOTE: After performing this procedure, the unit must be completely reprogrammed in both the Service and the Program modes.

#### 5-3. Service Mode (SRV) Programming

##### 1) GENERAL ENTRY KEY SEQUENCE (SRV MODE)

The following are the key operation required for programming.

**x** → **@** → Numeric entry  
(DATA = ABCD) → **SBTL**  
[4 digits, MAX.]

**x** = JOB Number

## JOB # (DATA)

1~3 Function selection (The data consists of 4 digits number for each job indicated by ABCD in the followings.)

6 Lower 7 digits of GT setting  
7 Upper 5 digits of GT setting  
8 Z counters initial amount setting (4 digits)

## JOB CODE #1 MRS = 0252

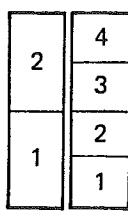
1 → **[@]** → ABCD → **[SBTL]**

A. (1) Number of departments  
(2) GT print on the Z report  
(3) GT resetting

| Numeric Entry | (1) Number of departments | (2) GT print on the Z report | (3) GT resetting |
|---------------|---------------------------|------------------------------|------------------|
| 0             | 2 DEPTS                   | Print                        | Non resettable   |
| 1             | 4 DEPTS                   |                              |                  |
| 2             | 2 DEPTS                   | Not print                    |                  |
| 3             | 4 DEPTS                   |                              |                  |
| 4             | 2 DEPTS                   | Print                        | Resettable       |
| 5             | 4 DEPTS                   |                              |                  |
| 6             | 2 DEPTS                   | Not print                    |                  |
| 7             | 4 DEPTS                   |                              |                  |

## Department Key Top Layout

2 Depts 4 Depts



By ER-10DT

B. (1) Key catch sound  
(2) Error beep

| Numeric Entry | (1) Key catch sound | (2) Error beep                |
|---------------|---------------------|-------------------------------|
| 0             | Exists              | Single error beep and lock    |
| 1             | Not exists          |                               |
| 2             | Exists              | Continuous beep and lock<br>* |
| 3             | Not exists          |                               |

\* The beep continues until a CL key depression.

## C. (1) Rounding factor

| Numeric Entry | (1) Rounding factor |
|---------------|---------------------|
| 0             | Rounding down       |
| 5             | Rounding off        |
| 9             | Rounding up         |

## D. (1) TAB (Decimal) position

(2) Zero key select

| Numeric Entry | (1) TAB (decimal) position | (2) Zero key select |
|---------------|----------------------------|---------------------|
| 0             | TAB = 0 ( 0 )              | 00 key              |
| 1             | TAB = 1 ( 0.0 )            |                     |
| 2             | TAB = 2 ( 0.00 )           |                     |
| 3             | TAB = 3 ( 0.000 )          |                     |
| 4             | TAB = 0 ( 0 )              | 000 key             |
| 5             | TAB = 1 ( 0.0 )            |                     |
| 6             | TAB = 2 ( 0.00 )           |                     |
| 7             | TAB = 3 ( 0.000 )          |                     |

## JOB CODE #2 MRS = 0005

2 → **[@]** → ABCD → **[SBTL]**

A. (1) Drawer compulsory

| Numeric Entry | (1) Drawer compulsory |
|---------------|-----------------------|
| 0             | No                    |
| 1             | Yes                   |

## B. (1) Past item void

(2) VOID mode

| Numeric Entry | (1) Past item void | (2) VOID mode |
|---------------|--------------------|---------------|
| 0             | Allowed            | Exists        |
| 1             | Not allowed        |               |
| 2             | Allowed            | Not exists    |
| 3             | Not Allowed        |               |
| 4             | Allowed            | Exist         |
| 5             | Not Allowed        |               |
| 6             | Allowed            | Not exists    |
| 7             | Not allowed        |               |

## C. (1) Non add code printing

(2) No sale after non add code printing  
(3) Negative subtotal

| Numeric Entry | (1) Non add code printing | (2) No sale after non add code printing | (3) Negative subtotal |
|---------------|---------------------------|---|-----------------------|
| 0             | Possible                  | Possible                                | Allowed               |
| 1             | Not possible              |   |                       |
| 2             | Possible                  |   |                       |
| 3             | Not possible              |   |                       |
| 4             | Possible                  | Possible                                | Not allowed           |
| 5             | Not possible              |   |                       |
| 6             | Possible                  |   |                       |
| 7             | Not possible              |   |                       |

Perform the "program reset" or "master reset" operation.  
(Turn the mode switch from SRV2 to SRV1.)



## 6. PROGRAM (PGM) MODE

- Place the mode switch to the "PGM" position, and select the required options.

NOTE: All programming is entered when in PGM mode.

### 6-1. Machine-number (a maximum of 3 digits)

**1** → **@** → Entry of a machine number → **SBTL**  
MRS = 000 (Max. 3 digits)

MRS = 000

50000

0.00

### 6-2. Consecutive-number (a maximum of 4 digits)

**2** → **@** → Entry of a consecutive number → **SBTL**  
MRS = 0000 (Max. 4 digits)

0.51

0.73

- Enter a number that is one less than the number from which you want to start.

### 6-3. Date setting (a maximum of 6 digits)

**4** → **@** → Entry of date → **SBTL**  
MRS = 000000 (Year, month, day)

01.

22.

86.

02.

10.

1986.

01.1

22.1

86.1

02.1

10.1

1986.1

### 6-4. Time setting (4 digits)

**5** → **@** → Entry of time → **SBTL**  
MRS = 0000 (hour, minute)

01.1

22.1

86.1

02.1

10.1

1986.1

- The time can be displayed by pressing the **#/TM** key in the "REG-J" "REG-R", or "VOID" mode position.
- The time display can be cancelled by any key.
- Time is entered according to the 24-hour clock;

2:30 AM is entered as 230.

2:30 PM is entered as 1430.

However, time is displayed and printed according to conventional AM or PM indication;

2:30 AM prints as 2-30.

2:30 PM prints as 2-30\*.

### 6-5. Automatic updating of date

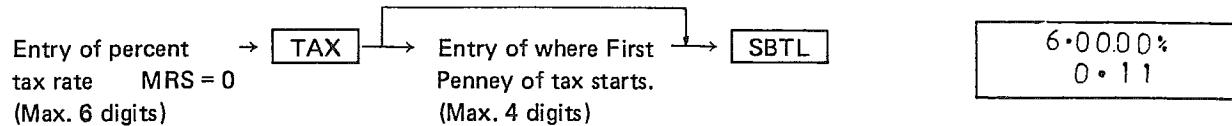
The date is automatically updated as long as the clock unit works. However, the journal paper will continue to show the previous date even when the date has been updated internally. It is therefore necessary to ring-up an empty receipt every day before the start of the business by pushing the **AT/TTL** key in the "REG-J", "REG-R" mode, updating the print of date. If this operation is not done, the first transaction of the day is printed with the previous date.

## 6-6. Automatic tax calculation function

To apply automatic tax assessment to sales transactions, it is necessary to set a percent tax rate in advance or to establish a tax table.

### 6-6-1. Percent tax rate programming

Percent tax rate and minimum taxable amount can be programmed in 6 digits (two integer digits and four decimal digits) and 4 digits, respectively.

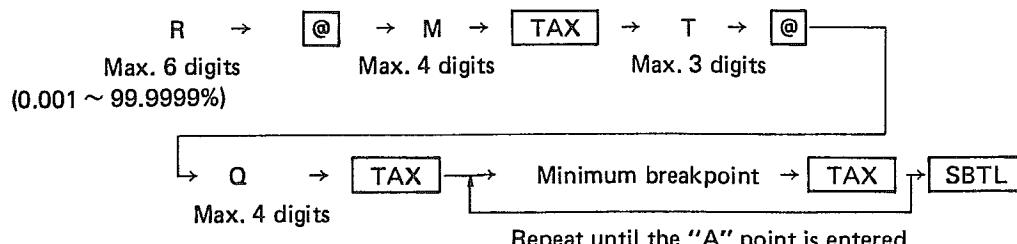


### 6-6-2. Tax table programming

(1) For this example, refer to the tax table below (column A: 6% rate)

|         | A                  |                    | B                         | C                   |
|---------|--------------------|--------------------|---------------------------|---------------------|
| Tax     | Minimum breakpoint | Maximum breakpoint | Breakpoint difference (c) | C                   |
| .00     | .01                | .10                | —                         |                     |
| .01 ← T | .11 ← Q            | .22                | 10                        | ↑<br>Non-cyclic     |
| .02     | .23                | .38                | 12                        |                     |
| .03     | .39                | .56                | 16                        |                     |
| .04     | .57                | .72                | 18                        |                     |
| .05     | .73                | .88                | 16                        |                     |
| .06     | .89                | 1.10               | 16                        |                     |
| .07     | 1.11 ← "A" point   | 1.22               | 22                        | ↑<br>Cyclic<br>(I)  |
| .08     | 1.23               | 1.38               | 12                        |                     |
| .09     | 1.39               | 1.56               | 16                        |                     |
| .10     | 1.57               | 1.72               | 18                        |                     |
| .11     | 1.73               | 1.88               | 16                        |                     |
| .12     | 1.89               | 2.10               | 16                        |                     |
| .13     | 2.11               | 2.22               | 22                        | ↑<br>Cyclic<br>(II) |

### (Procedure)



## Programming the New Jersey Tax Table

| Key operation                              | Display | Print      |
|--|---------|------------|
| R → 6 00 00 @                              | P 60000 |            |
| M → 1 00 TAX                               | P 0.00  | 6 • 0000%  |
| T → 1 @                                    | P 1     | 1 • 00     |
| Q → 1 1 TAX                                | P 0.11  | 001 0 • 11 |
|  | P 0.23  | 002 0 • 23 |
| The first cyclic portion                   | P 0.39  | 003 0 • 39 |
|  | P 0.57  | 004 0 • 57 |
|  | P 0.73  | 005 0 • 73 |
| "A" point → 1 1 1 TAX                      | P 0.89  | 006 0 • 89 |
| Programming tax table is completed. → SBTL | P 1.11  | 007 1 • 11 |
|  | P 0.00  |            |

## NOTES:

1) The different patterns between the minimum and maximum tax breakpoints can be up to 49 entries.

(2) In case the tax is not provided for every cent.

Please modify the table by setting the tax for every cent in the following way.

Consider the minimum breakpoint corresponding to unprovided tax to be the same as the one corresponding to the tax provided on a larger amount and set it.

| Tax | Minimum breakpoint |
|-----|--------------------|
| .00 | 0.01               |
| .01 | 0.19               |
| .03 | 0.52               |
| .04 | 0.85               |
| .05 | 1.19               |
| .07 | 1.52               |
| .08 | 1.85               |
| .09 | 2.19               |

| Tax | Minimum breakpoint | Breakpoint difference (c) |             |
|-----|--------------------|---------------------------|-------------|
| .00 | 0.01               | 1                         | Non-cyclic  |
| .01 | 0.19               | 18                        |             |
| .02 | 0.52               | 33                        |             |
| .03 | 0.52               | 0                         |             |
| .04 | 0.85               | 33                        |             |
| .05 | 1.19               | 34                        | ← "A" point |
| .06 | 1.52               | 33                        |             |
| .07 | 1.52               | 0                         |             |
| .08 | 1.85               | 33                        |             |
| .09 | 2.19               | 34                        | Cyclic      |

R = 4(%), M = 100, T = 1, Q = 19

(3) In case the tax table is completely cyclic.

Program the tax table considering the first line to be non-cyclic.

Example:

| Tax | Minimum breakpoint | Breakpoint difference (c) |  |
|-----|--------------------|---------------------------|--|
| .00 | 0.00               | —                         |  |
| .01 | 0.11               | 11                        |  |
| .02 | 0.26               | 15                        |  |
| .03 | 0.43               | 17                        |  |
| .04 | 0.69               | 26                        |  |
| .05 | 0.87               | 18                        |  |
| .06 | 1.00               | 13                        |  |
| .07 | 1.11               | 11                        |  |
| .08 | 1.26               | 15                        |  |
| .09 | 1.43               | 17                        |  |
| .10 | 1.69               | 26                        |  |
| .11 | 1.87               | 18                        |  |
| .12 | 2.00               | 13                        |  |

$R = 6(\%)$ ,  $M = 100$ ,  $T = 1$ ,  $Q = 11$

#### 6-6-3. Cancellation of automatic tax calculation function

→ **VOID** → **TAX**

**NO TX**

#### 6-7. Department and minus keys

##### (1) Assigning single-item cash sale.

If the single-item cash sale is assigned to a department, a single registration into this department is accomplished by entering a unit price and pressing the corresponding department or minus key. If the preset unit price is desired, then only the department or minus key need be depressed.

The sale is finalized immediately without pressing **AT/TTL**.



### 6-10. An entry digit limit for the check key

### Zero inhibits the use of CHK key

Entry of a limit on the number of entry digits (1 ~ 7) for each check tendered. → [ @ ] → [ CHK ] → [ (AT/TTL) ]

6 C.R.

$$MRS = 7$$

**6-11. The printing format and the presence or absence of the time on the receipt/journal.**

3 → @ → \* A • B  
Entry of a two-digit number → SBT → (AT/TTL)  
MRS = 00

01

| Entry                        | Time printing | Printing format | Numeric input |
|------------------------------|---------------|-----------------|---------------|
| (A) 1st entry (Receipt type) | necessary     | Detail          | 0             |
|                              |               | Total           | 1             |
|                              | unnecessary   | Detail          | 2             |
|                              |               | Total           | 3             |
| (B) 2nd entry (Journal type) | necessary     | Detail          | 0             |
|                              |               | Total           | 1             |
|                              | unnecessary   | Detail          | 2             |
|                              |               | Total           | 3             |

Leading zeros are not required.

## 6-12. Reading the contents of programming

The ER-1565 prints out all programming with the depression of the **AT/TTL** key.

