1. FEATURES

1. The LSIs used have been specially designed by Sanyo for this model, ensuring unsurpassed reliability.

2. With the high performance LSIs, calculations of all types, from the basic four rules to successive divisions and multiplications, divisions and multiplications with a constant, mixed calculations, squaring and other calculations are possible. Positioning of the decimal point in the result is preselected. Operation, in short, is exactly the same as with conventional desk calculators.

3. Despite its ultra-small size, the MINI makes calculations of up to 16 digits possible.

4. A CANDNICA rechargeable battery is incorporated in this model. It can be used in places with no electric power. The battery never needs replacing and cordless operation for 2 hours and half is possible.

5. Other special features of this model include:
   * Error lamp which lights in case of overflow and locks all keys (except the clear key).
   * When the result of a calculation contains more than 8 digits, the lamp lights indicating the use of the eight back-up digits.
   * When battery power is exhausted, a alarm lamp will light and warn you to recharge batteries.
2. NAME OF PARTS

AC adaptor (100V/120V or 220V/240V) (Power Supply)

100V/120V 220V/240V

3. FUNCTION OF KEYS

Depress these keys to register figures, beginning from the left-most numeral. The figures will be displayed and memorized by the calculator. With figures of over eight digits, the surplus digits disappear from the display indicator but are memorized.

CA
Clear All key

Depressing this key has the following effects:
With additions the registered figure is added into the machine.
With multiplication and division products and quotients are displayed.

Plus-equal key

Depressing this key has the following effects:
With subtractions the registered figure is subtracted.
When the result is a negative number the complement is displayed. If this key is then depressed once again, the result is displayed as a true number.

Minus-equal key

When multiplying, depress this key after registering the multiplicand. Then register the multiplier and depress the multiplication key. The product will be displayed.

Multiplication key

When dividing, depress this key after registering the dividend. Then register the divisor and depress the division key. The quotient will be displayed.

Division key
4. FUNCTION OF SWITCHES, METER, ETC.

- Decimal point key
  When registering figures which include a decimal point, depress this key at the appropriate place. The decimal point will be displayed in its correct position. The position of a decimal point in the result is pre-selected by the decimal point selector switch.

- Clear key
  Depressing this key clears only the displayed figures.

- Digit replacement key
  When figures of more than eight digits are entered, the surplus digits will disappear from the display indicator but are memorized by the calculator. If you wish to check the surplus digits, depress this key and they will appear on the indicator.

- Digit carry lamp
  With results when the result of a calculation contains more than eight digits, the ➤ lamp automatically lights, and the first part of the result is displayed. If the ➤ key is now depressed, the second eight digits are displayed. The final result is obtained by reading the two sets together.

- Error lamp
  If overflow occurs, this lamp lights.

- ON-OFF switch
  Turning on the power
  ✓ Turn the power switch ON.
  Turning off the power
  ✓ Turn the power switch OFF

5. BATTERY RECHARGING

1. The CADNICA battery is a rechargeable, small, hermetically sealed cell. It never needs replacing and is handy and economical in use.

2. Recharging procedure:
   ✓ Insert adaptor AC plug into power socket.
   ✓ Insert adaptor DC plug into three-pin socket as far as it will go.
   ✓ Recharging takes place whether the power switch is ON or OFF i.e. Recharging is possible even when the calculator is in use.

3. Recharging time
   Recharging of totally exhausted batteries takes at least 15 hours at power switch off.

4. Battery alarm lamp

<table>
<thead>
<tr>
<th>Lamp</th>
<th>Battery condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light off</td>
<td>Recharging unnecessary</td>
</tr>
<tr>
<td>Light on</td>
<td>Recharging absolutely necessary</td>
</tr>
<tr>
<td>Light on</td>
<td>(Avoid cordless operation)</td>
</tr>
</tbody>
</table>

- Battery alarm lamp
  This lamp shows the condition of the CADNICA rechargeable battery. For further details, refer to the section on Battery Recharging.
NOTE: If alarm lamp is on (completely discharged batteries) and you wish to continue calculating AC operation is possible while the batteries are being recharged.

NOTE: 1. When registered figures contain more than eight digits, the surplus digits will disappear from the display indicator. To check them, depress the ~ key and they will reappear on the indicator. Operation of the machine is also possible in this position.
2. When no decimal points are required in the result, set the decimal point selector switch at zero. In all other cases, set it at the desired position.

6. CALCULATIONS

BASIC CALCULATIONS

1. ADDITION

Ex. 1 456 + 789 = 1245

Ex. 2 1234567.8 + 1.234 = 1234569.034

2. SUBTRACTION

Ex. 1 456 - 123 = 333

Ex. 2 5 - 7 = -2

NOTE: When the result is negative number as in example 2, the complement is displayed. If the ~ key is then depressed a second time, the result is displayed as a true number. Be sure to differentiate between positive and negative results.

Ex. 3 123 + 3 + 5 = 4

NOTE: If example 3 is calculated with the decimal point at zero, 21 as result will be displayed on indicator because of all decimals are dropped at each steps of ~ key operation.
NOTE: When a negative number occurs during a calculation, the complement is displayed but the calculation should be continued as normally. If instead the ~ key is depressed a second time to obtain the true number, the ~ key must be depressed again to restore the complement before continuing the calculation.

3. MULTIPLICATION

Ex. 1 $123 \times 27 = 3321$

Ex. 2 $1.2345 \times 9.2785 = 12.19253925$

NOTE: With multiplications and successive multiplications, clearing is automatic and there is no need to depress the \[ill\] key.

Ex. 1 $625 \div 25 = 25$

Ex. 2 $9.8754312 \div 8 = 1.234256789$

NOTE: Operate the keys in this order and decide whether the result is positive or negative.

4. SUCCESSIVE MULTIPLICATION

Ex. 1 $3 \times 6 \times 9 = 162$

Ex. 2 $1.478 \times 2.589 \times 3.69 = 14.11993998$

Ex. 1 $625 \div 5 \div 5 = 25$

6. SUCCESSIVE DIVISION

Ex. 2 $9.8754312 \div 8 = 1.234256789$
2. DIVISION BY A CONSTANT

Ex. 1 58÷2.8=20
63÷2.8=22.5
14.7÷2.8=5.25

Ex. 2 58÷2 20.00
83
14.7÷7 5.25

NOTE: The second figure registered is the constant.

3. MIXED CALCULATION

Ex. 1 3.8×2 = 9.6

Ex. 2 (12+45)×7 = 444.5

Ex. 3 (98−65)÷5 = 6.6

Ex. 4 (2.3×2)−6 = 1.6

Ex. 5 (12÷3)+3 = 7

NOTE: The second figure registered is the constant.

ADVANCED CALCULATIONS

1. MULTIPLICATION WITH A CONSTANT

Ex. 1 2×3.14=6.28
3×3.14=9.42
3.3×3.14=10.99

Ex. 2 789÷3.14÷1.414=177.70430564

Operation as for (2)

NOTE: With divisions and successive divisions, clearing is automatic and there is no need to depress the [AC] key.
4. MARKUP

Determine the sales price which will reflect the desired profit on the original cost.

<table>
<thead>
<tr>
<th>Ex.</th>
<th>Original cost</th>
<th>Desired markup</th>
<th>Gross profit</th>
<th>Sales price</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$150.00</td>
<td>25%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Sales price: $187.50

5. DISCOUNT

Determine the discount and the net price.

<table>
<thead>
<tr>
<th>Ex.</th>
<th>Invoice amount</th>
<th>Discount</th>
<th>Amount of discount</th>
<th>Net price</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$125.00</td>
<td>15%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Sales price: $106.25

7. SPECIFICATIONS

<table>
<thead>
<tr>
<th></th>
<th>Mini Electronic Calculator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td></td>
</tr>
<tr>
<td>Model</td>
<td>ICC-807D</td>
</tr>
<tr>
<td>Numeric Keys</td>
<td>10 key system</td>
</tr>
<tr>
<td>Display</td>
<td>Numeric display tube</td>
</tr>
<tr>
<td>Decimal point</td>
<td>Floating input</td>
</tr>
<tr>
<td></td>
<td>Fixed output (0, 2, 4)</td>
</tr>
<tr>
<td>Semiconductors</td>
<td>LSIs</td>
</tr>
<tr>
<td>Calculating speeds</td>
<td>Addition and subtraction max. 0.1 sec.</td>
</tr>
<tr>
<td></td>
<td>Multiplication and division max. 0.3 sec.</td>
</tr>
<tr>
<td>Operating temperature range</td>
<td>0°C ~ 40°C (32°F ~ 104°F)</td>
</tr>
<tr>
<td>Power consumption</td>
<td>AC adaptor 3.5 W</td>
</tr>
<tr>
<td></td>
<td>Calculator 2.5 W</td>
</tr>
<tr>
<td>External dimensions</td>
<td>52(w) x 152(d) x 33(h) mm</td>
</tr>
<tr>
<td></td>
<td>3-11/16(w) x 6-1/16(d) x 1-5/16(h) inch</td>
</tr>
<tr>
<td>Weight</td>
<td>0.54 kg (1.19 lbs.) including CADNICA batteries</td>
</tr>
<tr>
<td>Power supply</td>
<td>AC adaptor (AC Local voltage ± 10% 50/60 Hz)</td>
</tr>
</tbody>
</table>

NOTE: We can accept no responsibility for damage resulting from unauthorized disassembly of the calculator. Please call your local Sanyo service center for repair.