CARE OF YOUR NEW ELECTRONIC CALCULATOR

The calculator is a durable, precision-made instrument which will provide you with years of trouble-free service.

To help ensure this, we recommend that the inside of the calculator not be touched. It is also 

inelastic to subject the calculator to hard knocks, drops, and undue strong key pressing.

Extreme cold (below 0°C or 32°F), heat (above 40°C or 104°F) and humidity may also affect 

the function of the calculator. When you do not use the calculator for a long period, take out 

the batteries to prevent damage if the batteries leak. Please make sure you switch off the 

power when you finish your calculations or intend to open the cover to change batteries.

Should the calculator need service, take the unit to the store where purchased or to a nearby 

dealer.

INTRODUCTION

Dear customer,

Congratulations on your purchase of this new pocket-sized personal electronic calculator.

To operate this simple yet feature-packed calculator — 6-digit capacity entry and 12-digit 

precision, the display, automatic clearing decimal point system, constant for all four functions, square root, and square root of a square root function capability, zero substitution and AC/DC 

power source choice — no special training is required but we suggest you to take a few minutes to 

become familiar with this instruction manual.

It has been written to assist you in understanding the various control keys and functions of the 

calculator through simple examples and their applications.

DISPOSABLE DRY BATTERY OR AC OPERATION

This calculator operates on either dry batteries or AC with the use of the AC ADAPTOR.

DRI. BATTERY OPERATION

With two manganese dry batteries (UM-3 or R6M-3) it operates for approximately 10 hours 

continuously.

Even when battery power decreases, the display will merely darken but cause no miscalculation. When you have finished your calculation, be sure to switch off the power switch to save battery power.

To change batteries, pull the power switch off first. Slide open the battery cover and replace batteries.

AC OPERATION

If you are in a 117V area, for instance, use a 117V AC ADAPTOR. When you use the AC ADAPTOR 

at a different voltage, it may cause damage to both the AC ADAPTOR and calculator.

Plug the applicable AC ADAPTOR (100, 117, 220 or 240V) into the AC outlet and the cord into the 

calculator. When plugged in, battery power supply stops automatically, so battery power is not 

wasted.

KEYBOARD

ON-OFF SWITCH [ ]

To switch on, move the left-hand switch to the right; "0" is displayed in the read-out and you can 

start operation immediately without depressing the [ ] or [ ] key.

READ-OUT [ ]

6-digit capacity Digitron tube panel displays the result and decimal point, each result and number 

result of calculation is shown on the right side of the number (within the range -99,999.99 to +99,999.99).

NUMERAL and DECIMAL POINT KEYS [ ]

You can change the number to the left or right side of the point as you wish.

For example, to enter the number 1234.56, depress [ 1, 2, 3, 4], [ 5], and [ 6].

When decimal places are involved, a full floating decimal point system with whole number preference (underflow) is applied automatically in all calculations.

FUNCTION COMMAND and RESULT KEYS [ ]

Each time you press a function key ([ ], [ ], [ ], [ ], [ ], or [ ]), the display shows the name of the function key and the answer is obtained by depressing the [ ] key.

CLEAR KEY [ ]

Clears keyboard entry for correction. When depressed immediately after any of the function keys 

([ ], [ ], [ ], or [ ]), it does not function.

ALL CLEAR KEY [ ]

Clears the entire memory and releases the overflow check.

FULL REGISTER VIEWING KEY [ ]

In all calculations, the first digits of an answer are displayed by depressing the [ ] key and the full digits of an answer are displayed by depressing the [ ] key. (Double-width display system.)

Remember that the [ ] key always re-displays the significant digits.

Depress the [ ] key before going on to the next calculation, if the whole number digits of an answer exceed six.
**BASIC OPERATIONAL EXAMPLES**

Press the keys in exactly the same sequence as they appear in the problem. There is no need to depress the 0 or 0 key prior to starting each new calculation, as an automatic clearing is given by the new entry when you have finished the previous calculation by depressing the 0 key.

**EXAMPLE**

<table>
<thead>
<tr>
<th>456</th>
<th>951.26</th>
<th>1.23</th>
</tr>
</thead>
<tbody>
<tr>
<td>55</td>
<td>4.5</td>
<td>98</td>
</tr>
<tr>
<td>211</td>
<td>55</td>
<td>20</td>
</tr>
</tbody>
</table>

(Answer of 5.5 - 4.5)

Final result.

- 44.28

(To obtain subsequent digits)

63.89

(Answer of 4.5 + 6.389)

951.26

(Totals obtained)

32.1

(To clear)

85

* Product can be obtained up to 12 digits as in the above example.

1.59 + 36 = 0.041666...

1.59

(To obtain subsequent digits)

0.041666

(Answer of 1.59 + 36)

* Constant can be obtained up to 6 digits of figures other than 0's (zeros) on the left of the figure.

Any command wrongly entered can be corrected by successive depression of the proper command key.

The last command made by either 0, 0, 0, or 0 key is effective.

**EXAMPLE**

<table>
<thead>
<tr>
<th>8 3 5</th>
<th>8 3 5</th>
<th>8 3 5</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(Mistake)

9

(To correct)

B

B

B

**CALCULATION WITH A CONSTANT**

During operation, the number entered immediately before the 0 key is automatically set as a constant in all four functions.

When a new operation is made, it clears the previous constant and sets the number entered in the same manner as a new constant automatically.

**EXAMPLE**

<table>
<thead>
<tr>
<th>B</th>
<th>B</th>
<th>B</th>
</tr>
</thead>
</table>

**PROBLEM**

<table>
<thead>
<tr>
<th>9 3 2 5 4 7</th>
<th>2 4 7 9 2 5 4 7</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.2 23 27.6</td>
<td>27.6</td>
</tr>
</tbody>
</table>

(Answer of 2.4792547)
OVERFLOW CHECK

In all four functions, you can calculate until the whole number digits of the result exceed 6 and overflow takes place. Overflow is signalled by the disappearance of the decimal point from the first display and stops further calculation. The [G] key shows the subsequent digits of the answer in the second display and the [G] key releases the locked registers caused by the overflow check.

EXAMPLE OPERATIONS READ-OUT
889999 a b c 999999 e 889999 x 999999 = 8898871 111112
Answer is: 8898871 111112

PRACTICAL EXAMPLES

• PRO-RATING

<table>
<thead>
<tr>
<th>Division</th>
<th>Sales amount</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>A 521.00</td>
<td>61.25</td>
<td></td>
</tr>
<tr>
<td>B 9,600</td>
<td>25.00</td>
<td></td>
</tr>
<tr>
<td>C 16,800</td>
<td>43.75</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>28,400</td>
<td></td>
</tr>
</tbody>
</table>

• SALES INCREASE/DECREASE

<table>
<thead>
<tr>
<th>Formulas</th>
<th>This month</th>
<th>Last month</th>
</tr>
</thead>
<tbody>
<tr>
<td>%</td>
<td>100%</td>
<td></td>
</tr>
<tr>
<td>Increase/Decrease</td>
<td>% 32.5%</td>
<td></td>
</tr>
</tbody>
</table>

• INTEREST

<table>
<thead>
<tr>
<th>Principal</th>
<th>$7,300</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interest rate (per cent)</td>
<td>0.075</td>
</tr>
<tr>
<td>Number of days</td>
<td>125</td>
</tr>
<tr>
<td>Interest</td>
<td>$167.50</td>
</tr>
</tbody>
</table>

SPECIFICATIONS

OPERATIONS: Addition, subtraction, single/cube multiplication, single/division, addition/subtraction with respect validity, constant calculation in four functions, square and power calculations, reciprocal calculation, mixed calculation, true credit balance and calculation involving decimal points.

CAPACITY: 6 digits

ENTRY DISPLAY: 6 digits +1-11 digits max.

NEGATIVE NUMBER: Indicated by minus (-) sign.

OVERFLOW CHECK: Indicated by disappearance of the decimal point from the first display, unlocking calculator.

READ-OUT: Green Digital type panel.

MAIN COMPONENT: One chip LSI

POWER SOURCE: 0.18W

POWER SOURCE: AC 100, 117, 220, 240V (1/60V), 50/60Hz, with available AC ADAPTOR, DC UM-2 or UM-4 (Manganese dry battery) x 2 (pieces).

DIMENSIONS: 25.5mm x 163mm x 43mm (1.17" x 6.3" x 1.7"")

WEIGHT: 166g (6oz) including batteries.

SQUARE AND POWER CALCULATION

EXAMPLE OPERATIONS READ-OUT
2.5 + 6.25 = 8.75
2.5 + 16.25 = 18.75
2.5 + 20.00 = 22.50
2.5 + 30.00 = 32.50

RECIPECAL CALCULATION

EXAMPLE OPERATIONS READ-OUT
12 ÷ 30.00 = 0.400000
0.040000 = 0.01
2 n = 1
n = 2
n = 3

9876
12 3 4 5
= 123
123 ÷ 456 = 0.270270270270
= 17.0569
9 6 7 8
= 17.0569

Answer is read: 8898871 111112

Answer is read: 32.5%