

GENERAL MAINTENANCE


- Do not use or leave the calculator under direct sunlight. Areas subject to rapid temperature changes, high humidity, dust and dirt should also be avoided.
- Use a dry cloth to clean the casing of the unit. Do not use water or detergents.
- Only use the printer when the paper roll is loaded.
- Avoid using the calculator in places where there are iron filings, as this may affect the electrical circuits of the calculator.
- Do not place anything on top of the machine, particularly on top of the printer mechanism.
- Turn the calculator off before removing the plug from the electrical outlet.
- In case of electrical fault (i.e. smoke), disconnect the plug from the electrical point immediately. Keep obstacles away from the point so you can disconnect the plug at any time.
- Please use thermal roll paper for replacement.


POWER ON, OFF SWITCH

 : Turns power on.


 : Turns power off.

DECIMAL POINT SELECTOR SWITCH


 : Used for designating the decimal point position (0 2 3 4 6) for calculated results.

 + (Add-Mode): Addition and subtraction functions are performed with an automatic 2-digit decimal. It is convenient for currency calculations.

1






 F (Floating Decimal Point): All effective numbers up to 12 digits are displayed or printed.

ROUNDING SWITCH

 : Used for round-up [↑], round-off [5/4], or round-down [↓] to the pre-selected decimal digits in the result.

GRAND TOTAL / DATA SET SWITCH

GRAND TOTAL


 /  : When the calculations are performed with the GT switch set to "ON", the totals are accumulated in the grand total memory. Each time  is pressed, the subtotal number is printed with the symbols G+. When  is pressed, the intermediate grand total is printed with the symbols G<. Press  successively to get the grand total followed by the symbols G*.

DATA SET


 : Set switch to "DATA SET" for setting or recalling the LANGUAGE and TAX rate.

PRINT ON, OFF SWITCH

PRINT OFF














 : Entries and results will appear on the display but will not be printed out.

PRINT ON

 : Entries and results will appear on the display and printout.






2

KEY INDEX




-  [0]~[9] **Numeric Keys:** Used for entering numerals.
-  [00] **Double Zero Key:** Used for entering two zeros in succession.
-  [000] **Triple Zero Key:** Used for entering three zeros in succession.
-  [.] **Decimal Point Key:** Used for entering a decimal point.
-  [+], [-], [×], [÷] **Basic Function Keys:** Used for basic arithmetic calculation.
-  [T] **Paper Feed Key:** Used for advancing the paper.
-  [→] **Right Shift Key:** Used for shifting and correcting an entered numeral. A single press deletes the last digit.
-  [%±] **Percent Plus-Minus Key:** Used for performing percentage, add-on and discount calculations.
-  [±] **Sign Change Key:** Used for changing the sign (+ or -) of the displayed numbers.
-  [M+] **Memory Plus Equal Key:** Used for obtaining a calculation result and adding the result automatically to the memory. This key is also used for adding number to the memory.
-  [M-] **Memory Minus Equal Key:** Used for obtaining a calculation result and subtracting the result automatically from the memory. This key is also used for subtracting a number from the memory.
-  [MC] **Memory Subtotal Key:** Used for obtaining intermediate result of the memory calculation. This key will not clear memory contents.
-  [MR] **Memory Total and Memory Clear Key:** Used for obtaining total of memory contents. This key will clear memory contents at the same time.

4

IMPORTANT FUNCTIONS TO REMEMBER

-  [C] **Clear Key:** Used for clearing all registered calculations except memory. It is also used for clearing the overflow error.
-  [CE] **Clear Enter Key:** Used for clearing last entered value.
-  [=] **Equal Key:** Used for obtaining multiplication and division results.
-  [Σ] **Non-Add / Subtotal Key:** Used for printing out information which does not affect the calculation such as dates and serial numbers. Figure are printed on the left-hand side of the paper. It is also used for obtaining intermediate results.
-  [Σ<] **Total Key:** Used for obtaining addition and subtraction results.




CANCELLING THE ENTRIES



Press  [CE] to clear last entered value. Press  [→] to delete the right most digit of a number. Press  [C] to clear all entered values, except memory.

5


LANGUAGE CHANGE FUNCTION


5 European languages text and printout are available. (English, German, Spanish, French and Italian).

 : Press  to recall and display the multi-language. Then press  successively to select the language.

 : Set the  switch to "DATA SET" position to perform setting the language. Then sliding the switch to "OFF" position to confirm the preferred language.

OVERFLOW

In the following cases, "E" is displayed, the keyboard is electronically locked, and further operation is impossible. Press  [C] to clear the overflow. The overflow function occurs when:

- The result or the memory content exceeds 12 digits to the left of the decimal point.
 - Dividing by "0".
 - The sequential operation speed is faster than the calculation processing speed. (Buffer Register Overflow)
- Electromagnetic interference or electrostatic discharge may cause either the display or the printer to malfunction, a printer error lock, or the contents of the memory to be lost or altered. Should this occur, press the  [C] key or turn the power slide switch off and then turn it on again to restart the calculation from the beginning.

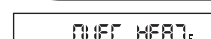



7

SPECIFICATIONS

Power source: AC230V (±5%) 50Hz
Usable temperature: 5°C to 35°C (41°F to 95°F)
Calculating Capacity: 12 digits maximum
Dimensions: 228 mm (W) x 350 mm (L) x 92 mm (H) /
8-63/64" x 13-25/32" x 3-5/8"
Weight: 2 kg (4.41 lb)
(Subject to change without notice)


The socket outlet should be near to the equipment and easily accessible.

PRINTER HEAD OVER HEAT



 OVER HEAT message is displayed when the printer head is over heated. To continuous the calculation, switch  to "OFF" and press the  [C] key. After the printer head is cool down within approx. 30 minutes. Switch  to "ON" and printout is available.



8

ITEM COUNT SWITCH



 : At "n+" or "n+/-" position, the calculator count and print the number of calculation items up to 999.



< ITEM COUNTER >

When the "ITEM" switch is set at "n+", the calculator counts the number of times the  and  keys are pressed.





When the switch is set at "n+/-", the calculator counts the number of times the  key is pressed and subtracts from the total numbers of times the  key is pressed.

< MEMORY ITEM COUNT >

When the "ITEM" switch is set at "n+", the calculator counts number of times  and  keys are pressed.


When the switch is set at "n+/-", the calculator counts the number of times the  key is pressed and subtracts from the total number of times the  key is pressed.


< PRINTOUT OF ITEM COUNT >

When the PRINT switch is turned "ON", and the "ITEM" switch is at the "n+" or "n+/-" position, the number of items recorded by the counter can print up to three digits on the left-hand side of the paper by pressing either the  key or the  key for item count and  key or  key for memory item count.

3


TAX CALCULATION FUNCTION

 **Add Tax Key:** Used for adding the tax amount to the displayed figure.

 **Deduct Tax Key:** Used for deducting the tax amount from the displayed figure.


• **Note:** The entered tax rate will remain stored even when the calculator is turned off. When the plug is disconnected. However, the entered rate will be deleted. In this case please enter the rate again.

BUSINESS SALES CALCULATION FUNCTION



 **COST | SELL | MARGIN:** Used for calculating the cost, selling price and profit margin amount.

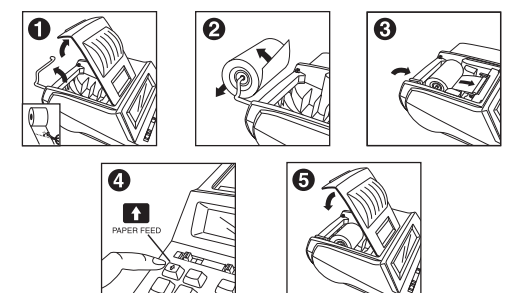
Enter the value of any 2 items to obtain the balance value item. (e.g. enter the value of the cost and the selling price to obtain the profit margin %.)

CASH CHANGE FUNCTION

 **CHANGE:** Used for calculating the change amount, it perform accurate and fast change calculation.

INSERTING PRINTING PAPER

- Turn the power switch on. A "0" will appear on the display.
- Open the printer cover and lift up the paper arm. (Figure 1)
 - When inserting the paper, cut the edge of the paper as shown.
 - Place the new paper roll on the arm. The edge of the paper should be positioned as shown. (Figure 2)
 - Put down the paper arm and insert the paper into the slit located at the top of the machine as indicated. (Figure 3)
 - Press the paper feed key  [T] to advance the paper as shown. (Figure 4)
 - Replace the printer cover. (Figure 5)
 - Suitable paper roll – Width: (57mm) 2-1/4" / Diameter: (80mm) 3-5/32"
- Pulling the paper out by force will cause damage to the printer head. It should be using paper feed key.
 - Please be sure not to pull the roll paper in the opposite direction.
 - If the paper roll is jammed and "E" sign appears on the display, press the  [C] key or restart the machine.
 - Press the lever on the right-hand side up and forward to remove the jammed roll paper.
 - Please be sure not to pull the jammed roll paper forcibly.
 - Printing without roll paper may causes damage to the printer head.
- ⚠ **The fixing area becomes very hot. Do not touch any parts in the fixing area when you are removing a paper jam.**



9