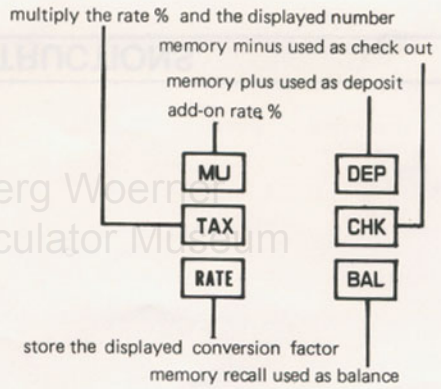
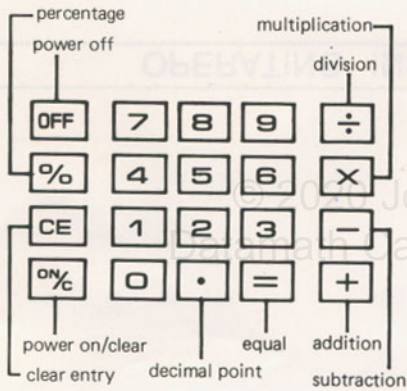


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Datamath Calculator Museum

OPERATING INSTRUCTIONS



On/Clear Key [ON/C]

- The [ON/C] key turns on your calculator. Press [ON/C] also
1. to clear everything in the calculator but the memory and
 2. to clear the E symbol which lights in the display to signal an error condition*.

Clear Entry Key [CE]

Press [CE]

1. once directly following a mistaken number key depression. The displayed number is erased, but pending calculations and memories are not erased.
2. once to clear the E symbol which lights in the display to signal an error condition*.

*An error condition is caused by dividing a number by zero or calculating an answer too large for the eightdigit display to handle.

Auto Shut Off

Although your calculator is equipped with separate ON-OFF keys, if you should accidentally leave your calculator on, the unit will turn off after approximately 6-8 minutes to conserve battery life.

USING [RATE], [MU], [TAX] KEYS

A "K" appears in the display when rate memory contains a number.

x [RATE] : To store x into rate memory but 0.

y [MU] : $y (1 + x\%)$

z [TAX] : $z \times x\%$

Note: x, y and z are the displayed number.

APPLICATIONS

1. Setting selling prices

At what price must one sell to obtain 15% profit? (Buying rate: \$3550)

$$3550 \times (1 + 15\%) = 4082.5$$

OPERATION	DISPLAY
[ON/C] 15 [RATE] 3550 [MU]	15. ^k 4082.5 ^k

2. Income tax calculation

What is the income tax value if income \$61,000 at the tax rate of 16%?

$$6100 \times 16\% = 9760$$

OPERATION	DISPLAY
16 [RATE] 61000 [TAX]	16. ^k 9760. ^k

NOTE:

- conversion rate stored in "RATE" memory is continuous and will not be lost when calculator is turned off.
- To change rate, press in new number, then [RATE]. New [RATE] will override.

EXAMPLE

1. ADDITION AND SUBTRACTION

$$123 + 456 - 789 = -210$$

$$[\text{ON/C}] 123 [+] 456 [-] 789 [=] -210$$

2. MULTIPLICATION

$$45.6 \times 7.89 = 359.784$$

$$[\text{ON/C}] 45 [\cdot] 6 [x] 7 [\cdot] 89 [=] 359.784$$

3. DIVISION

$$-3 \div 4 = -0.75$$

$$[\text{ON/C}] [-] 3 [\div] 4 [=] -0.75$$

4. CALCULATIONS WITH A CONSTANT

$$\begin{array}{ll} 12 \times 2 = 24 & \text{[ON/C] } 12 \text{ [x] } 2 \text{ [=] } 24 \\ 12 \times 5 = 60 & \phantom{\text{[ON/C] } } 5 \text{ [=] } 60 \\ 3 \div 12 = 0.25 & \text{[ON/C] } 3 \text{ [\div] } 12 \text{ [=] } 0.25 \\ 6 \div 12 = 0.5 & \phantom{\text{[ON/C] } } 6 \text{ [=] } 0.5 \end{array}$$

5. PERCENTAGE

$$\begin{array}{ll} 150 \times 20\% = 30 & \text{[ON/C] } 150 \text{ [x] } 20 \text{ [%] } 30 \\ 150 \times (1 + 20\%) = 180 & \\ \text{[ON/C] } 150 \text{ [+] } 20 \text{ [%] } 180 & \\ 150 \times (1 - 20\%) = 120 & \\ \text{[ON/C] } 150 \text{ [-] } 20 \text{ [%] } 120 & \end{array}$$

6. CHAIN CALCULATION

$$\frac{-25 \times 40 + 100}{9} \times \frac{1}{2} = -50$$

$$\begin{array}{l} \text{[ON/C] [-] } 25 \text{ [x] } 40 \text{ [+] } 100 \text{ [+] } 9 \text{ [\div] } 2 \\ \text{[=] } -50. \end{array}$$

Using Memory Keys

An 'M' appears in the display when memory contains a number.

[DEP] Key (memory plus key):

Adds display contents to memory. If a multiplication or division is pending, pressing [DEP] will complete the calculation, like the equals key, and add the displayed result to memory.

[CHK] Key (memory minus key):

Subtracts display contents from memory, completes a pending multiplication or division and subtracts the result from memory.

[BAL] Key (memory recall key):

Press once to recall memory contents to the display but does not clear memory. Note that the 'M' appearing at the right of the display. If you want to clear the stored data in the memory simply press [BAL] [CHK] in sequence.

Note: The Memory Function in this calculator is of the non-volatile accumulating type. This allows the user to retain stored data even when the calculator is turned OFF. The data can only be cleared (erased) by pressing the [BAL] [CHK] in sequence consequently, one can keep track of daily expenses and total expenses.

CHANGING BATTERIES

When the display grows dim and finally blanks, the batteries need replacing. Remove the screws from the lower cabinet. Remove old batteries and insert new ones in the indicated polarity. Use quality battery such as UCC 189.

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MADE IN THAILAND
HDUT307A108