



Counts CO-500M 12 Digits Desktop Calculator User Guide

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112 STEPS CHECK & CORRECT ELECTRONIC CALCULATOR

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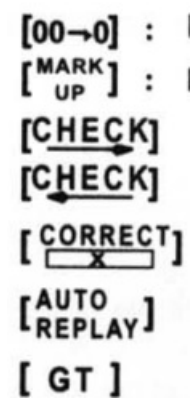
5.1 References

POWER SUPPLY

Check & Correct calculator model has 2 power source; high solar power + Back-up baltery. and can operate under any lighting condillons. In normal lighting condition. the unit is powered by solar-cell and when isin too low lighting condition its power source automatically changes to built-in backup battery.

KEY EXPLANATIONS

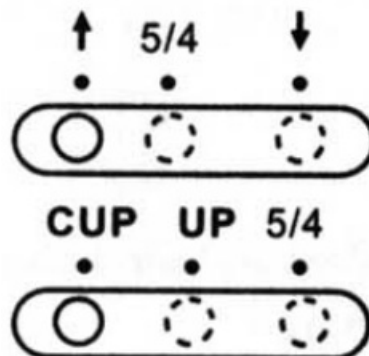
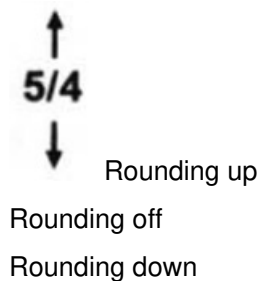
<div><div>[ON AC]</div><div>[M +]</div><div>[M -]</div><div>[M $\frac{R}{C}$]</div></div>	<div>To power on theunit. or all clear key.</div> <div>Memory plus key.</div> <div>Memory minus key.</div> <div>Memory recall or clear key.</div>
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	<p>Right shift key to delete last-entered digit.</p> <p>Mark up key.</p> <p>Step by step check key ($a \rightarrow b \rightarrow c = d$)</p> <p>Step by step check key ($a \leftarrow b \leftarrow c = d$)</p> <p>Correction key</p> <p>Auto Replay key. .</p> <p>Grand total key.</p>
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SWITCH DESCRIPTION

- (TAB- A)

SELECTION OF DECIMAL MODE

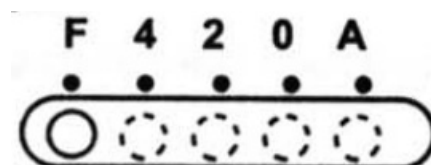


CUT: cuts off the decimal digits (depends on the ° TAB-B * sottong)

UP: Rounding up

- (TAB -B) 5/4: Rounding off

SELECTION OF DECIMAL DIGITS



- This switch is for selecting the effective decimal" digits

- F: Floating decimeal point

4.2.0 indicates 4.2 or 0 decimal

- A(ADD2):

When the switch is set to "A". this Indicates that the decimal digit is automatically set to 2 (forexample: if you key in "8". the value is 0. 08) but if youkey in \square ,then this position Is the base (This mode useless for multiplication and divison)

- Everytime you press the $\boxed{=}$ key, the value on the display is added into \boxed{GT} Example: 123
- "ERROR" sign

The display shows "ERROR" when the answer exceeds the maximum number of digits of display.

1 Press $\boxed{ON/AC}$ (or \boxed{ON} or \boxed{AC}) to clear all values.

2 Press the \boxed{CE} key to clear the "ERROR" but the value on the display is still effective, \boxed{MR} & \boxed{GT} are still stored.

OPERATION EXAMPLES

Note

- If the unit has a 99-step replay memory capacity which is useful to check each process of the calculation. and If there is a mis-input found, it can be corrected.
- If the calculation becomes more than 99 steps, it is indicated in display by flashing 99 on the left side of L.C.D. Further calculation can be continued but not stored in replay memory:

1. Check and Correct function

Example ① Input $(100 + 200 - 50) \times 3 = 750$ $\boxed{\frac{ON}{AC}}$ 100 $\boxed{+}$ 300 $\boxed{+}$ 50 $\boxed{\times}$ 3 $\boxed{=}$ <div style="text-align: center; margin-left: 100px;">mis-input</div>	
Input	Display
$\boxed{CHECK} \rightarrow$ $+$	01 100. $\boxed{+}$ 1'350
$\boxed{CHECK} \rightarrow$	02 300. $\boxed{+}$
$\boxed{CORRECT} \rightarrow$ $++$	02 300. $\boxed{+}$
200	02 200. $\boxed{+}$

[-]	02 200.
[CORRECT]	02 200.
[CHECK]	03 50.
[CHECK]	04 3.
[CHECK]	05 750.
[AUTO REPLAY]+++	01 100.
	02 200.
	03 50.
	04 3.
	05 750.

Example 2 $10 \times 3 - 5 \times 2 = 20$

Inout	Display
[]	00 0.

$32 \times 5.4 + 41.2$ $32[x]5.4[+]41.2 [=]$ 4.1941747572816

$= 4.1941747572816$

$3.54 \times (-3) = -10.62$ $3.54[x]3 [+/-][=]$ - 10.62

$\frac{10.5 \times 9}{12.1} + 101$ $10.5 [x]9 [\div] 12.1$
 $= 108.80991735537$ $[+] 101 [=]$ 108.80991735537

$\frac{1}{0.75 + 3.23}$ $[+] 75[+] 3.23[+][=]$ 0.2512562814
 $= 0.2512562814$

30% of 110 = 33 $110 [x] 30 [\%]$ 33

$120 - 10\% = 108$ $120 [-] 10 [\%]$ 108

$100 + 12\% = 112$ $1[00] [+] 12 [\%]$ 112

3. Memory Calculation

$(10 \times 3) - (5 \times 2) = 20$ $[\frac{ON}{AC}] 10 [x] 3 [M \pm]$ M I 30
 $5 [x] 2 [M \pm]$ M I 10
 $[M \pm]$ M I 20
 $[M \pm]$ 20

4. Constant Calculation

$4 \times 5 = 20$ $4 [x] 5 [=]$ 20
 $4 \times 6 = 24$ $6 [=]$ 24
 $7 + 3 = 10$ $7 [+] 3 [=]$ 10
 $5 + 3 = 8$ $5 [=]$ 8

$10 [x] 3 [M \pm]$

$5 [x] 22 [M \pm]$
 Mis-input

$[M \pm]$

$[CHECK][CHECK][CHECK][CHECK][CHECK] +$

[CORRECT] +

2

[CORRECT]

$[M \pm]$

03 M I 30.

06 M I 110.

07 M I -80.

05 M I 22.

05 M I 22.

05 M I 2.

05 M I 2.

07 M I 20.

+Check operation ++Correction +++Quick check

2. Ordinary Calculation Examples

Problem	Input	Display
$15 + 3.5 - 3.2 = 15.3$	$15[+]3.5[-]3.2[=]$	15.3

5. Mark up Calculation

$2000 + (P \times 20\%) = P$ $2000 [\frac{MARK}{AC}] 20 [\%]$ 2.500
 $P = \frac{2000}{1.25\%} = 2.500$ $[=]$ 500

$1250 - (P \times 25\%) = P$ $1250 [\frac{MARK}{AC}] 25 [+/-][\%]$ 1 000
 $P = \frac{1250}{1 + 25\%} = 1.000$ $[=]$ - 250

6. Grand Total

$A = 12 + 34 = 46$ $[\frac{ON}{AC}] 12 [+] 34 [=]$ GT 46
 $B = 56 - 78 = -22$ $56 [-] 78 [=]$ GT 22
 $GT = A + B$ $[GT]$ GT 24
 $= 24$ $[GT]$ 24

7. Clear Function

memory clear

$125 [M \pm]$ $[M \pm]$ M I 125
 $[\frac{ON}{AC}]$ 0

overflow error clear

123456789×1000000 $123456789 [x]$
 $= 123456789000000$ $1[00][00][00][=]$ E 1.23456789
 $[\frac{ON}{AC}]$ 0

clear entry

$20 \times 30 = 600$ $20 [x] 40$ 40
 $[CE]$ 0
 $30 [=]$ 600

Documents / Resources



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CO-500M 12 Digits Desktop Calculator, CO-500M, 12 Digits Desktop Calculator, Digits Desktop Calculator, Desktop Calculator, Calculator

References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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