

Example	TAB		Operation	Display
	A	B		
25 x 5 -) 84 ÷ 3 +) 68 + 17 182	Free	F	$\overline{MC}$ 25 $\times$ 5 $\overline{M+}$ MEMORY 125. 84 $\div$ 3 $\overline{M-}$ MEMORY 28. 68 $\div$ 17 $\overline{M+}$ MEMORY 85. MEMORY 182. $\overline{MC}$	125. 28. 85. 182. 182.
123478 + 5	Free	F	123456 $\rightarrow$ $\rightarrow$ 78 $\overline{+}$ 5 $\overline{=}$ GRAND TOTAL 123483.	123456. 1234. 123478. 123483.
456 + 378	Free	F	456 $\overline{+}$ 365 $\overline{CE}$ 378 $\overline{=}$ GRAND TOTAL 834.	0. 834.
32 x 5 + 4 - 6 79 ÷ 2 - 30 + 88 175 + 3	Free	F	$\overline{ON/C}$ 32 $\times$ 5 $\overline{+}$ 4 $\overline{-}$ 6 $\overline{=}$ GRAND TOTAL 158. 79 $\div$ 2 $\overline{-}$ 30 $\overline{+}$ 88 $\overline{=}$ GRAND TOTAL 178. 175 $\overline{+}$ 3 $\overline{=}$ $\overline{GT}$ GRAND TOTAL 433.5	0. 158. 178. 433.5

#### Invoicing

Article	Quantity	Unit price	Discount	Amount
A	320	\$ 32	5 %	\$ 9'728.00
B	150	20	8 %	2'760.00
C	460	78	7 %	33'368.40
Total	930			45'856.40
5% Sales Tax				\$ 2'292.82
Grand Total				\$ 48'149.22

#### TAB-(5/4) TAB-B (2)

MEMORY	
320 $\overline{M+}$ $\times$ 32 $\overline{-}$ 5 %	GRAND TOTAL 9'728.00
150 $\overline{M+}$ $\times$ 20 $\overline{-}$ 8 %	" 2'760.00
460 $\overline{M+}$ $\times$ 78 $\overline{-}$ 7 %	" 33'368.40
$\overline{MR}$	" 930.00
$\overline{GT}$	" 45'856.40
$\overline{+}$ 5 %	" 48'149.22

Example	TAB		Operation	Display
	A	B		
100+50-30 (-10)x20÷0.5=	Free	F	$\overline{ON/C}$ 100 $\overline{+}$ 50 $\overline{-}$ 30 $\overline{=}$ GRAND TOTAL 120. 10 $\overline{\times}$ 20 $\overline{\div}$ 0.5 $\overline{=}$ GRAND TOTAL -400.	0. 120. -400.
5000 ÷ 3 = 5000 ÷ 3 = 5000 ÷ 3 =	↑ 5/4 ↓	2 2 2	50 $\overline{\div}$ 3 $\overline{=}$ GRAND TOTAL 1'666.67 50 $\overline{\div}$ 3 $\overline{=}$ GRAND TOTAL 1'666.67 50 $\overline{\div}$ 3 $\overline{=}$ GRAND TOTAL 1'666.66	1'666.67 1'666.67 1'666.66
\$12.34 34.56 -56.78 78.90 \$69.02	Free	A	1234 $\overline{+}$ 3456 $\overline{-}$ 5678 $\overline{+}$ 7890 $\overline{+}$ GRAND TOTAL 69.02	12.34 46.90 -9.88 69.02
1234567890 x 66666=	Free	F	1234567890 $\times$ 66666 $\overline{=}$ ERROR 82.3037029547 $\overline{CE}$ 82.3037029547 $\overline{ON/C}$ ( $\overline{AC}$ or $\overline{ON}$ )	ERROR 82.3037029547 82.3037029547 0.
$\sqrt{9} \times 5$	Free	F	9 $\overline{\sqrt{\quad}}$ $\times$ 5 $\overline{=}$ GRAND TOTAL 15.	15.
• 10% of 1500  5% add-on of 1500 (1500+5%=) (1500-5%=)  • percentage of 20 against 500			15 $\overline{\times}$ 10 % GRAND TOTAL 150. 15 $\overline{+}$ 5 % 1575. 15 $\overline{-}$ 5 % 1425. 20 $\overline{\div}$ 5 $\overline{\times}$ % 4. (%)	150. 1575. 1425. 4. (%)
368+97+97= 839-47-47-47= 5 <sup>+</sup> = 22.5 <sup>3</sup> =	5/4	F	368 $\overline{+}$ 97 $\overline{=}$ $\overline{=}$ GRAND TOTAL 562. 839 $\overline{-}$ 47 $\overline{=}$ $\overline{=}$ $\overline{=}$ GRAND TOTAL 698. 5 $\overline{+}$ $\overline{=}$ $\overline{=}$ $\overline{=}$ $\overline{=}$ GRAND TOTAL 0.0016 22.5 $\overline{\times}$ $\overline{=}$ $\overline{=}$ $\overline{=}$ GRAND TOTAL 11'390.625	562. 698. 0.0016 11'390.625

# TOOR

## ELECTRONIC

### Electronic Calculator

**TR-2232**  
**TR-2382**  
**TR-2266A**  
**TR-2245**  
**TR-2328**  
**TR-2253K**  
**TR-2235**

### User's Manual

#### A KEY OPERATIONS:

- $\overline{ON}$  : Power On       $\overline{OFF}$  : Power off
- $\overline{C}$  : Clear       $\overline{AC}$  : All Clear
- $\overline{CE}$  : Clear Error       $\overline{ON/C}$  : Power On/Clear key
- $\overline{ON/AC}$  : Power On / All Clear       $\overline{C/CE}$  : Clear / Clear Error
- $\overline{ON/CE}$  : Power On / Clear / Clear Error
- $\overline{+/-}$  : Sign change key (Change the sign of the displayed value from positive to negative, or vice versa.)
- $\rightarrow$  : Right shift key (Shifts the displayed value to the right, deleting the rightmost digit.)
- $\overline{1}$  ~  $\overline{9}$   $\overline{0}$   $\overline{00}$   $\overline{\cdot}$  : Numeral key
- $\overline{+}$   $\overline{-}$   $\overline{\times}$   $\overline{\div}$   $\overline{=}$   $\overline{\sqrt{\quad}}$   $\overline{\%}$  : Function key
- $\overline{M+}$  : Memory plus (Adds the displayed value to the independent memory).
- $\overline{M-}$  : Memory minus (Subtracts the displayed value from the independent memory).
- $\overline{MR}$  : Memory recall (Effective before pressing  $\overline{MC}$  key).
- $\overline{MC}$  : Memory Clear.
- $\overline{MRC}$  : Recall Memory / Memory Clear.
- $\overline{GT}$  : Grand Total, Results are accumulated in the grand total by depressing the  $\overline{=}$  or  $\overline{\%}$  key pressed once, it recalls the grand total. If pressed twice successively, it clears the grand total.
- $\overline{00}$  : Fast addition of "0" (Displays two "0" when pressed once).
- $\overline{MU}$  : Mark-up / Mark-down key.

#### B SWITCH DESCRIPTION :

- ※ (TAB-A)       $\overline{CUT UP 5/4}$        $\overline{F 5/4 CUT-2}$   
 SELECTION OF DECIMAL MODE  
 (UP)  $\uparrow$ : Rounding up  
 5/4 : Rounding off  
 (CUT)  $\downarrow$ : Rounding down  
 5/4- $\overline{2}$ : After rounded to keep two decimal digits.
- ※ (TAB-B)       $\overline{F 4 3 2 1 0 ADD2}$   
 SELECTION OF DECIMAL DIGITS  
 • F : Floating decimal point.  
 • 4, 3, 2, 1, 0 indicates 4, 3, 2, 1 or 0 decimal.  
 A(ADD2):  
 When the switch is set to "A", this indicates that the decimal digit is automatically set to 2 (for example : If you key in "8" the value is 0.08) but if you key in  $\overline{\cdot}$  then this position is the base (This mode useless for multiplication and division).
- ※ (TAB-C)  
 GT-ON / OFF : Setting "GT"memory switch-hit the "GT-ON" position activate the grand total memory , with the "OFF" position deactivating grand total memory .

#### C LCD DISPLAY :

- GT : Grand Total
- M (MEMORY) : Independent memory
- (MINUS) : Negative vice
- E (ERROR) : The display shows "ERROR" when the answer exceeds the maximum number of display .

1. Press  $\overline{ON/C}$  or  $\overline{AC}$  to clear all values .
2. Press the  $\overline{CE}$  key to clear the "ERROR" but the value on the display is still effective ,  $\overline{MR}$  &  $\overline{GT}$  are still stored.

#### D HOW TO CHANGE THE BATTERY:

- ※ The product series adopt two power:  
 ① Solar energy      ② battery (1.5V)



- ※ Auto Power-off : After approximately 8 minutes .
- ※ When the display becomes blur, this indicates the battery power is nearly gone. You can use solar energy for power or replace the battery to make the display clear again.