KS-4000B INSTRUCTION MANUAL

- Dual Power Source: Solar Cell & LR44 x 2pc battery (Press "RESET" after replacing battery)
- Three lines 12 digits with sign liquid crystal display
- Power automatically turns off

General Guide

- Main calculator key functions
  - `%` Percent key
  - `TAX+` `TAX-` TAX+/- keys
  - `MRC` Memory Recall clear key
  - `M-` Memory minus key
  - `M+` Memory plus key
  - `▶` Delete last digit key
  - `√` Square root key
  - `+/-` Sign change key
  - `CST` Cost key
  - `SELL` Sell key
  - `MGN` Margin key
  - `CHANGE` Change key
  - `C1` Foreign key
  - `C2` Local key
  - `GT` Grand total key
  - `H.M.S.` Time calculation key
  - `🕐` Call time key
  - `🕐` Time setup key

F 3 2 0 ADD2
`⊙____` Decimal Place Selector

1. F : Floating decimal point system, which displays the value without rounding.
2. 3, 2, 0, : Number of decimal places for the floating number.
3. ADD2 : The " Add Mode" automatically adds a decimal point and two decimal places to all values, even if you don't input a decimal point. This mode is very useful when performing calculations in dollars or other monetary systems that require two decimal places. Two decimal places are not added in this mode if you press the `.` key while inputting a value, or for any operation other than addition and subtraction.

Rounding Selector :
UP : Rounds up the decimal to the specified* number of places.
5/4 : Rounds off the decimal to the specified* number of places.
CUT : Cuts off the decimal to the specified* number of places.
*Use the Decimal Place Selector to specify the number of decimal place.

- About the display
  ,: 3-digit separator
  Err: Error indicator
  M: Independent memory indicator
  =: Equal indicator
  -: Negative value indicator
  +-x÷ : Arithmetic Operation indicators
  TAX+, TAX-: TAX+/- indicators
  TAXRATE: Set tax rate indicator
  COST SELL MARGIN: Cost sell margin indicators

GT: Grand total indicator
C1 C2: Foreign & local indicators
PRICE: Price indicator
PAY: Pay indicator
YY: Year indicator
MM-DD: Date indicator

- General Calculator examples

Percentage calculation:
30x5%=1.5
`3` `0` `x` `5` `%`

	30
	5%
X =	1.5

Chain calculation:
[(6+4)x2-8] ÷ 5=2.4
`6` `+` `4` `x` `2` `-` `8` `÷` `5` `=`

GT= 2.4

Entry correction:
1234x2=2468
`1` `2` `3` `5` `▶` `4` `x` `2` `=`

GT= 2'468

Power calculation:
$2^6 = 64$
`2` `x` `=` `=` `x` `=`

GT= 64

Memory calculation:
(5x0.25) + (6x0.75) - (2x0.15) = 5.45
`AC`
`5` `x` `.` `2` `5` `M+`
`6` `x` `.` `7` `5` `M+`
`2` `x` `.` `1` `5` `M-`
`MRC`
`MRC`

M1.25
M5.75
M5.45
M5.45
5.45

Constant calculation:
4x3=12, 4x5=20
`4` `x` `3` `=`
`5` `=`

GT= 12
GT= 20

6 ÷ 2 = 3, 8 ÷ 2 = 4
`6` `÷` `2` `=`
`8`   `=`

GT= 3
GT= 4

3+7=10, 4+7=11
`3` `+` `7` `=`
`4` `=`

GT= 10
GT= 11

8- 4=4, 6-4=2
`8` `-` `4` `=`
`6` `=`

GT= 4
GT= 2

Tax calculation:
 Setting the tax rate as 17%:
`AC` `TAX+` `1` `7` `TAX+`
 Checking the tax rate:
`AC` `TAX-`

TAXRATE 17

TAXRATE 17

Price at 200 plus 17% tax:
`2` `0` `0` `TAX+`

	200
TAX	34
TAX+	234

Price after tax is 58.5, then the price and the tax are:
`5` `8` `.` `5` `TAX-`

	58.5
TAX	8.5
TAX-	50

Currency calculation:
Set currency rate to 1 Foreign=124Local
`AC` `C2` `1` `2` `4`   `C2`

	RATE
C1	1
C2	124

Recall currency rate:
`AC` `C1`

	RATE
C1	1
C2	124

100 Foreign is exchanged, the local currency is:
`AC` `1` `0` `0` `C1`

	RATE	124
C1		100
C2		12'400

100 Local is exchanged, the foreign currency is:
`AC` `1` `0` `0` `C2`

	RATE	0.00806451612
C1		0.8064516129
C2		100

Cost Sell Margin calculation:
The cost of an item is $100 and selling price is $125,the margin percentage is:
`AC` `1` `0` `0` `CST`
`1` `2` `5` `SELL`

COST	100
SELL	125
=	20%

The selling price is $125 and the margin is 20%,the cost of the item is:
`AC` `1` `2` `5` `SELL`
`2` `0` `MGN`

SELL	125
MGN	20%
=	100

The value of margin is:
`MGN`

MGN	20%
=	25

The cost of an item is $180 and the margin is 25%,the selling price is:
`AC` `1` `8` `0` `CST` `2` `5`
`MGN`

COST	180
MGN	25%
=	240

Change calculation:
Price=2800 & payment=5000
`AC` `2` `8` `0` `0` `=`
`5` `0` `0` `0` `CHANGE`

PRICE	2'800
PAY	5'000
GT=	2'200

Price=1000Yan & payment=US10 (1US=103Yan)
`AC` `C2` `1` `0` `3` `C2`

	RATE
C1	1
C2	103

`AC` `1` `0` `0` `0` `=` `1`
`0` `C1` `CHANGE`

PRICE	1'000
PAY	1'030
GT=	30

Time calculation:
 Wages/hr=1200, work for 7hr30min, total wages are:
`AC` `1` `2` `0` `0` `x` `7`
`H.M.S` `3` `0` `H.M.S` `H.M.S`
`H.M.S` `=`

GT= 9'000

Time and date settings:
Call time display:
`🕐`

YY	2006
MM-DD	1-9
P	5-05 14

Adjust the date and time:
`🕐` (Press the key for 2 second, Hr & A/P are blinked)

`0` `3` `AM/PM` (A & 03 are blinked)

YY	2006
MM-DD	1-9
A	03-05 15

`🕐` `2` `5` `🕐` `0` `6` `🕐` `0` `1` `🕐` `1` `5` `🕐`

YY	2006
MM-DD	1-15
P	3-25 18