



# Printing calculator TR44780

## Easy Instructions



12-Digit, 2 Color

We're here to help:  
During weekday business hours, call:  
1-800-270-9145

### Preparation

#### A. POWER SOURCE

##### DC POWER

Plug the power cable to the power jack and plug the power adapter into a suitable power outlet.

##### INSERT BATTERIES

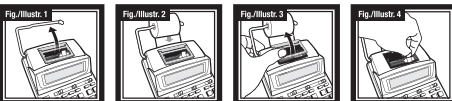
- Remove the battery door from the back.
- Insert 4 pieces UM-3 (AA)/1.5V batteries (Not included). Please make sure with correct polarity (+/-) of the batteries.
- Reattach the battery door.

#### WARNING

Do not mix old and new batteries. Do not mix alkaline, standard (Carbon-Zinc), or rechargeable (Nickel Cadmium) batteries.

##### B. Loading Paper

- Place paper holders into position. (fig.1)
- Install the paper roll on the holders.
- Insert the paper end into printer slot. (fig.2)
- Press [arrow up] key to feed the paper to an adequate length.



#### C. REPLACING THE INK ROLLER

If the printing becomes faint, the ink roller may need to be replaced.

- Turn the power off.
- Remove the printer cover. (fig.3)
- Remove the old ink roller by pulling it up. (fig.4)

- Install the new ink roller IR-40T in the compartment and gently press it down until it snaps into place. Place the printer cover back on the unit.

CAUTION: Turn the power off before replacing the ink roller.

#### G. Rounding calculation

EXAMPLE	OPERATION	DISPLAY	PRINT OUT
[OFF NP P PIC+] = P	3 $\times$	3 $\times$	3 $\times$
[UP 5/4 CUT] = UP	7 $\times$	0.42857142857 $\times$	7 $\times$
[F 4 2 0 A] = F	2 =	0.85714285714 =	2 =
3 $\times$ 7 $\times$ 2=?	2 =	0.85714285714 $\times$	0.85714285714 $\times$
1).	3 $\times$	3 $\times$	3 $\times$
[F 4 2 0 A] = 4	7 $\times$	0.42857142857 $\times$	7 $\times$
3 $\times$ 7 $\times$ 2=?	2 =	0.8572 =	2 =
2).	3 $\times$	3 $\times$	3 $\times$
[F 4 2 0 A] = 2	7 $\times$	0.42857142857 $\times$	7 $\times$
[UP 5/4 CUT] = 5/4	2 =	0.86 =	2 =
3 $\times$ 7 $\times$ 2=?	2 =	0.86 $\times$	0.86 $\times$
3).	3 $\times$	3 $\times$	3 $\times$
[UP 5/4 CUT] = CUT	7 $\times$	0.42857142857 $\times$	7 $\times$
3 $\times$ 7 $\times$ 2=?	2 =	0.85 =	2 =
	2 =	0.85 $\times$	0.85 $\times$

#### H. Application calculation

EXAMPLE	OPERATION	DISPLAY	PRINT OUT
[OFF NP P PIC+] = PIC+			
[F 4 2 0 A] = 0	5 $\times$	5 $\times$	5 $\times$
A = 5 $\times$ 2 = \$10	10 =	10 =	2 =
	+	10 $\times$	10 $\times$
B = 10 $\times$ 5 = \$50	5 =	50 =	5 =
	+	60 $\times$	60 $\times$
Subtotal C	#	60.	50 +
C = A + B = \$60	◇	002.....	60 ◇
	5 $\times$	5 $\times$	5 $\times$
D = 5 $\times$ 6 = \$30	6 =	30 =	6 =
	+	90 $\times$	30 +
E = 10 $\times$ 7 = \$70	10 $\times$	70 =	10 $\times$
	+	70 =	70 +
	+	160 $\times$	70 +
F = D + E = \$100	+	160.	70 +
G = C + F = \$160	004.....	160.	160. $\times$

#### DATE AND TIME FUNCTION

- TIME** Used to switch between calendar or clock mode
- SET** Used to set the date and time in calendar & clock mode
- AMPL X** Used to switch between AM or PM at clock mode time setting
- 12/24** Used to switch between 12 or 24 hour at clock mode time setting
- FORMAT %** Used to select date format between "YYYY/MM/DD", "DD/MM/YYYY" or "MM/DD/YYYY" at calendar mode

#### Set date and time

- Press TIME and then SET. (The first

EXAMPLE	ENTRY	DISPLAY
How to set time:	<b>TIME</b> <b>12/24</b> (Hold for 3 seconds)	HH-MM-SS
a) 3:45AM	<b>AM</b> <b>3</b> <b>:</b> <b>45</b>	HH-MM-SS AM "H" H-MM AM "0" 3-45
b) 3:45PM	<b>PM</b> <b>3</b> <b>:</b> <b>45</b>	AM 03-45-00 AM "0" 3-45 PM 03-45-00
c) 15:45	<b>12/24</b> <b>15</b> <b>:</b> <b>45</b>	15-45-00
How to set date:	<b>TIME</b> <b>TIME</b> (Hold for 3 seconds)	YYYY-MM-DD
Oct. 29, 2016	<b>20</b> <b>1</b> <b>6</b> <b>-</b> <b>0</b> <b>1</b> <b>-</b> <b>0</b> <b>1</b>	20 1 6-01-01
	<b>16</b>	2016 "0" 1-01
	<b>29</b>	2016-10 "0" 1
	<b>29</b>	2016-10 -29

#### Date format:

While displaying the date, depressing the % key allows changing the date format mode from YYYY-MM-DD to MM-DD-YYYY or DD-MM-YYYY. The default date format is YYYY-MM-DD.

#### Display symbol:

M: A number has been stored in memory

- digit of the year will flash).
- Enter the year YY using the number keys. (The first digit of the month will flash).
- Enter the month MM using the number keys. (The first digit of the date will flash).
- Enter the data DD using the number keys. (The first digit of the year will flash).
- Press SET to confirm the date.
- Press TIME and then SET. Enter the time using the number keys. Enter press 12-24 to switch between 12-hour or 24-hour clock.
- Press AM-PM to toggle between morning or afternoon and press SET to confirm the time.

#### E:

Error or overflow capacity

The display value is negative Tax+, Tax-%.

Performance of tax calculation Cost, Sell, Mgn%.

Performance of cost, sell and profit margin calculations

#### OPERATION EXAMPLES

##### Slide switch settings

[F 4 2 0 A] = F [UP 5/4 CUT] = 5/4 [OFF NP P PIC+] = P

##### A. Four fundamental arithmetic calculations

EXAMPLE	OPERATION	DISPLAY	PRINT OUT
(24+36.75)×8÷(-9) =13.3333333333	24 + 36 + 75 - 8 × 9 +/-	24 + 60.75 + -15. - -15. × -120. + -9. -	24 + 36. + 75. - -15. × -120. + -9. - 13.3333333333 =

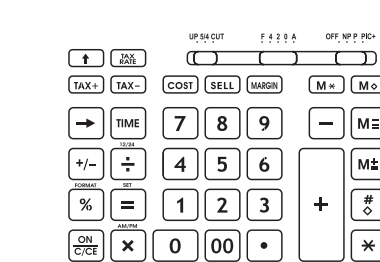
##### B. Constant multiplication and division calculation

EXAMPLE	OPERATION	DISPLAY	PRINT OUT
		0.	0. C
a) 25×3=75	C/CE 25 × 3 =	25. × 75. =	25. × 75. =
25×4=100	4 =	100. =	4. = 100. ×
25×5=125	5 =	125. =	5. = 125. ×
b) 36÷4=9	36 ÷ 4 =	36. ÷ 9. =	36. ÷ 9. =
136÷4=34	136 ÷ 4 =	34. =	136. ÷ 34. =
236÷4=59	236 ÷ 4 =	59. =	236. ÷ 59. =

##### C. Percent calculation

EXAMPLE	OPERATION	DISPLAY	PRINT OUT
a) 500×14.2%=71	500 × 14.2 %	500. × 71. =	500. × 14.2 % 71. =
b) 500×(1+14.2%)=571	500 × 14.2 %	500. × 71. =	500. × 14.2 % 71. =
	+	571. +	571. +
c) 500×(1-14.2%)=429	500 × 14.2 %	500. × 71. =	500. × 14.2 % 71. =
	-	429. -	429. -

#### KEY IDENTIFICATION



#### F 4 2 0 A

UP 5/4 CUT

OFF NP P PIC+

Decimal set

(A) Accountant (4 2 0) Fixed, (F) Floating

(UP) An answer is rounded up

(5/4) An answer is rounded off

(CUT) An answer is rounded down

(PIC+) Selects printer item count mode

(P) Switch to choose printer on

(NP) Power ON

(OFF) Power OFF

Numeral keys

Decimal point key

Add key

Subtract key

Multiplication key

[0] [9] [00]

[+]

[-]

[x]

#### D. Memory calculation

EXAMPLE	OPERATION	DISPLAY	PRINT OUT
(8732×3)-(42730+32) =24'860.6875	8732 × 3 M± 42730 + 32 M±	8732. × 26196. M 1'335.3125 M	8,732. × 3. = 26,196. M+ 42,730. + 1,335.3125 M± 24'860.6875 M± 24'860.6875 M±

#### E. Correcting mistaken entry

EXAMPLE	OPERATION	DISPLAY	PRINT OUT
123+456=578	123 + 456 C/CE 455 +	123. + 0. = 578. + 578. +	123. + 0. = 455. + 578. +

#### F. Decimal select

EXAMPLE	OPERATION	DISPLAY	PRINT OUT
[UP 5/4 CUT] = UP	1.4231 × 3 =	1.4231 × 4.2693 =	1.4231 × 3. = 4.2693 ×
[F 4 2 0 A] = F			
1.4231×3=?			
[UP 5/4 CUT] = 5/4	1.4231 × 3 =	1.4231 × 4.27 =	1.4231 × 3. = 4.27 ×
[F 4 2 0 A] = 2			
123+5=128	123 + 5 +	123.00 + 128.00 +	123.00 + 5.00 +
To print date 2016,10,10	2016.10.10	2'016.1010	#2016.10.10.....
[F 4 2 0 A] = 0	1.4231 × 3 =	1.4231 × 4. =	1.4231 × 3. = 4. =
[OFF NP P PIC+] = PIC+	C/CE	0.	0. C
[F 4 2 0 A] = A	313 + 5 +	3.13 + 3.18 +	3.13 + 0.05 +
3.13+0.05+4.56+6.00 =13.74	456 + 600 +	7.74 + 13.74 +	4.56 + 6.00 + 13.74 +
	+	13.74 +	004..... 13.74 +

#### WARNING

- Do not press any key when there is no paper and the printer is on (other than the feed key ↑).
- Failure to observe this warning will damage the print head.

#### [+]

Division key

[=]

Equal key

[%]

Percent Key

[M◇]

Memory subtotal recall key

[M\*]

Memory total clear key

[M+]

Memory plus key

[M-]

Memory minus key

[↑]

Paper feed key

[#]

Subtotal key and Date/Number key

[CE/C]

Clear entry/ Clear key

[←]

Back space key

[+/-]

Inverts sign of the displayed number at key entry

[TAX+] or [TAX-]

\*Prints Tax/ included TAX (TAX=3)

A TAX± = A(3/100)

A (A/3/100)

\*Prints TAX/ excluded TAX (TAX=3)

A TAX± = A-A(1+(3/100))

A/(1+(3/100))

[\*]

Total key

[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.)

NOTE: The entered tax rate, time and calendar will be lost if the AC adaptor is disconnected from the AC power source.

■ Electromagnetic interference or electrostatic discharge may cause the display to malfunction or the contents of the memory to be lost or altered. Should this occur, use the tip of a ball point pen (or similar sharp object) to press the [RESET] button at the back of the calculator. After resetting, be sure to set the calendar, clock and tax rate again.



#### SPECIFICATIONS

Display	12 digits, large LCD display
Printing speed	Approximately 2.0 lines/second
Printing paper	Width 57 mm (2 ¼ inch), diameter 50-80 mm (1.96-3.15 inch)
Power sources	AC-100-240V, 50/60Hz, with an AC adaptor 6V DC, 400mA or DC-4 AA size manganese dry batteries (UM-3), CR2032 X 1 (backup)
Usable temperature	0° - 40°C (32° - 104°F)
Power consumption	1.8W
Dimension	155 mm (W) x 233 mm (L) x 61 mm (H)
Ink Roller	IR-40T
Printing color	2-color (minus and negative in red)

### One (1) Year Limited Warranty

Worklife Brands, LLC ("Worklife Brands"), warrants to the original purchaser that this TRU RED calculator, except the battery, will be free from defects in material and workmanship under normal use for one (1) year from the date of purchase. Worklife Brands will either replace any defective Worklife Brands brand calculator free of charge with the same or similar model or refund 100% of the purchase price, at Worklife Brands' option.

To claim your replacement or refund, contact product support at 1-800-270-9145 from 8am to 8pm EST Monday - Friday (except holidays) Please retain the dated sales receipt as evidence of the date of purchase as it will be required for any warranty service.

This warranty will not apply to normal wear or damage from misuse, abuse, improper storage and handling, installation, accident, repair or alteration. Without limiting the foregoing, battery leakage, bending of the unit, a broken tube, floppy drive recalibrations and any cracks in the LCD display will be presumed to have resulted from misuse or abuse.

IN NO EVENT WILL WORKLIFE BRANDS BE LIABLE FOR ANY INCIDENTAL, DIRECT, INDIRECT, SPECIAL, PUNITIVE, OR CONSEQUENTIAL DAMAGES (SUCH AS BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFITS, BUSINESS, SAVINGS, DATA OR RECORDS) RELATED TO THIS PRODUCT. SOME STATES, PROVINCES AND TERRITORIES DO NOT ALLOW THE EXCLUSION OF LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES OR LIMITATION ON HOW LONG AN IMPLIED WARRANTY LASTS. THIS WARRANT GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS THAT VARY DEPENDING UPON THE STATE, PROVINCE, TERRITORY OR COUNTRY. EXCEPT AS STATED HEREIN, NO OTHER WARRANTIES SHALL APPLY.

#### FCC Statement and Additional Safety Information

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet or circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and; (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION: changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

#### Canadian ICES and Additional Safety Information

This Class B digital apparatus complies with Canadian ICES-003. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet or circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.  
CAN ICES-3B / NMB-3 (B)