



# Victor 1208-2 Printing Calculator Instruction Manual

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**Victor 1208-2 Printing Calculator**

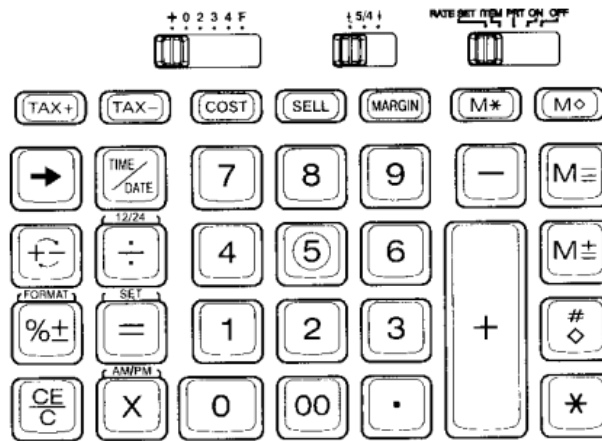


## **SERIES 1208-2 12-DIGIT BIG LCD DISPLAY 2-COLOR Printing Calculator**

### **SPECIFICATION**

- **Display:** 12 digits, large LCD display
- **Printing:**
  - Printing Speed: 2.4 lines/second
  - Printing Paper: Width 57mm, Diameter 80mm max.
  - Printing Color: 2-Color (minus and negative in red)
  - Ink Roller: IR-40T
- **Power Sources:**
  - AC 110-120, 220-230, or 240V, 50/60Hz, with an AC adaptor 6V DC, 300mA.
  - Or DC: Four AA size manganese dry batteries (UM-3)
- **Operating Environment:** Ambient Temperature: 0°C to 40°C (32°F to 104°F)
- **Power Consumption:** 1.6W
- **Dimensions:** 217mm (L) x 150mm (W) x 53mm (H)
- **Weight:** 400g

### **KEY IDENTIFICATION**



## RATE SET ITEM PRINT ON OFF

- (RATE SET) – Select set mode for tax rate
- (ITEM) – Select printer Item count mode
- (PRT) – Switch to choose printer on
- (ON) – Power ON
- (OFF) – Power OFF

## IIIMI

- (t) – An answer is rounded up
- (5/4) – An answer is rounded off
- (l) – An answer is rounded down

## +0234F

Decimal set

(+) accountant, (0,2,3,4) Fixed, (F) Floating

- (0) – [9] (00): Numeral keys
- (.) : Decimal point key
- [+]: Add key
- [-]: Subtract key
- [x]: Multiplication key
- (+): Division key
- [=] : Equal key
- [%±]: Percent key
- [M◇]: Memory subtotal recall key
- (M\*): Memory total clear key
- (M;!:] : Memory plus key
- (M ]: Memory minus key
- It]: Paper feed key
- [#◇]: Subtotal key and Date/Number key

- [CE/C]: Clear entry/All clear
- [ ] : Backspace 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.)
- [-G]: Inverts sign of the displayed number at key entry
- [TAX+] or [TAX-]:
  - TAX+ Calculates the tax amount, using the stored rate, and adds it to the original price before tax
  - : TAX- Calculates the amount of tax to be deducted (using the stored tax rate) and subtracts it from the displayed value to find the pre-tax sales amount
  - Prints TAX/ Included TAX (TAX=3).
    - $A \text{ TAX+} = A(3/100)$
    - $= A+(A(3/100))$
  - Prints TAX/ Excluded TAX (TAX=3).
    - $A \text{ TAX-} = A-A/(1+3/100)$
    - $= A/(1+3/100)$
  - Total key

## PREPARATION

### A. Power Source

This unit receives its operating power from an AC adaptor 6V DC, 300mA, or 4 AA size manganese dry batteries (UM-3). When power is in the ON position, pressing the [#0] key will only print the digits displayed in the front display panel.

### B. Loading Paper

1. Place paper holders into position (Fig. I).
2. Install the paper roll on the holders.
3. Insert the paper end into the printer slot (Fig. II).
4. Press the [ t ] key to feed the paper to an adequate length.

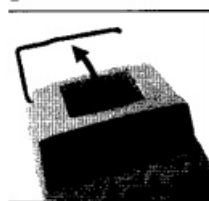


Fig. I

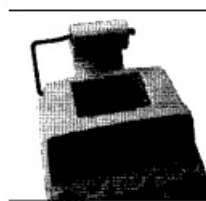


Fig. II

### C. Replacing the Ink Roller

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

1. Turn the power off.
2. Open the printer cover (Fig. III).
3. Remove the old ink roller by pulling it up (Fig. IV).
4. Insert the new ink roller IR-40T in the compartment and gently press it down until it snaps into place.

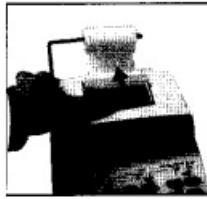


Fig. III



Fig. IV

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

## DISPLAY SYMBOL

- **MEMORY:** A number has been stored in memory
- **ERROR:** Error or overflow of capacity
  - : The display value is negative

## DATE AND TIME FUNCTION

- **TIME/DATE:** The TIME/DATE key is used to display the Time or Date.
  - Depressing the TIME/DATE key once displays the date MM-DDYYYY. Depressing the TIME/DATE key a second time displays the time, HH-MM-SS.
- **SET:** When displaying the Date or Time the = key becomes a key to enter or exit the date or time set mode.
- **12/24:** When displaying the Time the + key becomes a key to toggle between the 12 (AM/PM) or 24 hour clock mode.
- **AM/PM:** When displaying the Time in the set mode the x key becomes a key to toggle between AM and PM when in the 12 hour time mode.
- **FORMAT:** Used to select date format between “YYYY/MM/DD”, “DD/MM/ YYYY” at calendar mode.

### Set Date and Time

1. Press TIME/DATE and then SET (The first digit of the month will flash)
2. Enter the month MM using the number keys. (The first digit of the date willflash)
3. Enter the date DD using the number keys. (The first digit of the year will flash)
4. Enter the year YYYY using the number keys. (The first digit of the month willflash)
5. Press SET to confirm the date.
6. Press TIME/DATE and then SET. Enter the time using the number keys andpress 12/24 to switch between 12-hour or 24-hour clock.
7. Press AM/PM to toggle morning or afternoon and press SET to confirm the time.

Problem	Operation	Read-out
How to set date: Oct.29, 2001	TIME/DATE SET (Hold 3 seconds) 10 29 2001 SET	MM-DD-YYYY "M" M-DD-YYYY 10-"D" D-YYYY 10-29-"2" YYY "1" 0-29-2001 10-29-2001
How to set time: a) 3:45AM  b) 3:45PM c) 15:45	CE/C TIME/DATE TIME/DATE SET (Hold 3 seconds) 0345 SET SET (Hold 3 seconds) AM/PM SET 12/24	AM HH-MM-SS AM "H" H-MM AM "0" 3-45 AM 03-45-00 AM "0" 3-45 PM 03-45-00 15-45-00

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

## REPLACING THE BACK-UP BATTERY

- Using a screwdriver remove the three screws on the back cover of the calculator.
- To separate the front and back cover halves, carefully insert and twist a flat-blade screwdriver between them.
- Use a flat-blade screwdriver to gently pry out the battery
- Position the new battery so the positive (+) side is up. Slide one edge of the battery under the tab on the battery holder, then press the battery into place.
- Snap the cover halves back together. Then reinsert and tighten the screws.

**NOTE:** Memory backup battery retains the tax rate, calendar and clock setting, when the power is off or even when the AC cord is disconnected.

- Battery : 1 Lithium battery (Type: CR 2032)
- Battery life: Backup time 1000 hours

## RESET:

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 on the bottom of the calculator. After resetting, be sure to set the tax rate, time and date again.

## OPERATION EXAMPLES

## SLIDE SWITCH SETTINGS

[+/-0/2/3/4/F]=F, [ t 5/4 I ]=DON'T CARE, [RATE SET/ITEM/PRT/ON/OFF]=PRT

### Four Fundamental Arithmetic Calculations

	Operation Operatio n Operaciones		Read-out Affichage Lectura	Printing-out Impression Im presi6n
(24+36-75) X 8 + (-9) = 13.3333333333	24	+	24.	24. +
	36	+	60.	36. +
	75	-	-15.	75. -
		<b>X</b>	-15.	-15. X
	8	+	-120.	8. +
	9	<b>+3-</b>	-9.	-9. =
		=	13.3333333333	13.3333333333 *

### Constant Multiplication and Division Calculation

	Operation Operatio n Operaciones		Read-out Affichage Lectura	Printing-out Impression Im presi6n
a) 25 X 3 = 75	25	CE/C <b>X</b>	0. 25.	0. C 25. X
	3	=	75.	3. .= 75.
25 X 4 = 100	4	=	100.	4. = 100. *
25 X 5 = 125	5	=	125.	5. = 125. *
b) 36	+ 4 = 9	36	+	36.
		4	=	9.
				36. + 4. =. 9.

136 + 4 = 34	136	=	34.	136. .= 34.
236+4=59	236	=	59.	236. .= 59.
a) 500 X 14.2% = 71	<u>500</u>	<b>X</b>	500.	500. X
	14.2	%±	71.	14.2 .% 71.
b) 500 x (1+14.2%)	<u>500</u>	X	500.	500. X
= 571	14.2	%±	71.	14.2 .% 71.
		+	571.	571. +%
C) 500 X (1-14.2%)	<u>500</u>	<b>X</b>	500.	500. X
= 429	14.2	%±	71.	14.2 .% 71.
		—	429.	429. -%

### Memory Calculation

	Operation Operation Operaciones		Read-out Affichage Lectura		Printing-out Impression I mpresi6n
(8732×3)-(42730+32) =24860.6875	8732	<b>X</b>		8'732.	8,732. <b>X</b>
	3	<b>M;!</b>	MEMORY	26'196.	3. =
	42730	+	MEMORY M	42730.	26,196. M+
	32	<b>M:</b>	EMORY	1'335.3125	42,730. + 32. =
		<b>MO</b> <b>M*</b>	MEMORY 24'860.6875 24'860.6875		1,335.3125 M- 24,860.6875 M◇ 24,860.6875 M*

### Correcting Mistaken Entry



	Operation Operation Operaciones		Read-out Affichage Lectura	Printing-out Impression I mpresi6n
123 + 455 = 578	123 456 455	+ CE/C . .+	123. 0. 578. 578.	123. + 455. .+ 578.

Decimal Select

	Operation Operation Opera ciones		Read-out Affichag e Lectura	Printing-out Impression Impresi6n
[t 5/4 l J = l [+0/2/3/4/F] = F	1.4231	<b>X</b> =	1.4231	1.4231 X
1.4231 X 3 =?	3		4.2693	3. =
[+0/2/3/4/F] = 4 123x5=615	123	<b>X</b>	123.	123. X
	5	=	615.0000	5. = 615.0000 •
123 + 5 = 128	123	+	123.0000	123.0000 +
To print date 2001.10.10	5	+	128.0000	5.0000 +
	2001.10.10	#0	128.0000 2'001.1010	128.0000 • #2001.10.10...
[t 5/4 l] = 5/4				
[+0/2/3/4/F] = 2	1.4231	<b>X</b>	1.4231	1.4231 X
	3	=	4.27	3. = 4.27 •
[+0/2/3/4/F] = 0	1.4231	<b>X</b>	1.4231	1.4231 X
	3	=	<b>4.</b>	3. =. 4.
[RATE SET/ITEM/PRT/ON/	313 5 . <u>600</u> 456	CE/C	0.	0. C
OFF]= ITEM [+0/2/3/4/F] = + 3.13 +0.05+4.56+ 6.00		+	3.13	3.13 +
=13.74		+	3.18	0.05 +
		+	7.74	4.56 +
		+	13.74	6.00 + 004.....
			13.74	13.74

## Rounding Calculation

	Operation Operation n Operaciones		Read-out Affichage L ectura	Printing-out Impression I mpresi6n
[RATE SET/ITEM/PRT/ON/OFF]				
=PRT				
[t 5/4ll =t				
[+/0/2/3/4/F] = F 3+7×2=?	3	+	3.	3. +
	7	X	0.42857142857	7. X
	2	=	0.85714285714	2. =
				0.85714285714 *
1) [+/0/2/3/4/F] = 3 3+7×2=?	3	+	3.	3. +
	7	X	0.42857142857	7. X
	2	=	0.858	2. =
				0.858 *
2) [t 5/4 i1 = 5/4 [+/0/2/3/4/F] = 2 3+7 ×2=?	3	+	3.	3. +
	7	X	0.42857142857	7. X
	2	=	0.86	2. =
				0.86 *
3)				
[t 5/4 I J = i				
3+7×2=?	3	+	3	3. +
	7	X	0.42857142857	7. X
	2	=	0.85	2. =
				0.85 *

## Application Calculation

	Operation Operation Operaciones		Read-out Affichage Lectura	Printing-out Impression Impresión
[RATE SET/ITEM/PRT/ON/ OFF]= ITEM [+/-0/2/3/4/F] = 0 A=5X2=\$10	5 2	X =	5. 10.	5. X 2. = 10. *
		+	10.	10.+

B=10×5=\$50	10	X	10.	10. X 5. =.
Subtotal C	5	=	50.	50.
Sous-total C				50. + 002.....
Subtotal C		+	60.	60. ◇
C=A+B=\$60		#◇	60.	
D=5×6=\$30	5	X	5.	5. X 6. = 30. *
	6	=	30.	30. +
		+	90.	
E=10×7=\$70	10	X	10.	10. X 7. = 70. *
	7	=	70.	70. + 004.....
F=D+E=\$100		+	160.	160. *
G=C+F=\$160		*	160.	

## Business Sales Calculation

	Operation Operation Operaciones		Read-out Affichage Lectura		Printing-out Impression Impresi6n
<b>Calculating Cost</b>	1500	<u>ISELLI</u>	;sm'.	1'500.	1,500.*◇
Selling Price: \$1,500 Profit Margin : 30%	30	<u>IMARGINI</u>	COST	1'050.	30.M¾ 1,050.CC
Cost = ? (\$1,050)					
<b>Calculating Selling Price</b>	2000	<u>ICOSTI</u>	posT'.	2'000.	2,000.CC
Cost : \$2,000 Profit Margin : 20% Selling Price=? (2,500)	20	<u>IMARGINI</u>	SELL	2'500.	20.M¾ 2,500.*◇
<b>Calculating Profit Margin</b>  Cost: \$1,500 Selling Price : \$2,000  Profit Margin=? (25%)	1500 2000	<u>ICOSTI</u> <u>ISELLI</u>	posT'. MARGIN%	1'500. 25.	1,500.CC 2,000.*◇ 25.M¾

**Calculate included TAX or excluded TAX operation**

	Operation Operation Operaciones	Read-out Affichage L ectura	Printing-out Impression I mpresi6n
[RATE SET/ITEM/PRT/ON/OFF]			
=RATE SET			
Enter rate (3%) Entrer le taux (3%) Introducir tipo (3%) [RATE SET/ITE M/PRT/ON/OFF] =PRT	3	TAX% T AX% 0. 3. 0.	
Tax included Taxe comprise	1560	TAX+ 1'606.8	1,560. 3. %.
Impuesto incluido			46.8
\$1560@3%			1,606.8
Tax excluded			
Exclure Taxe Sin Impuestos		TAX- 1'560.	1,606.80
\$1606.80@3%	1606.80	TAX- -46.8 1,560.	3. %. t,.

## WARNING

- Do not press any key when there is no paper and the printer is on. (Other than the paper feed key 1&1 )
- Failure to observe this warning will damage the print

## WARRANTY

Your new VICTOR electronic calculator is guaranteed to the Original purchaser for two years for all parts and labor, providing repair work is performed at an authorized VICTOR Regional Sevice Center and the unit are sent by prepaid mail. For Sevice Centers outside the USA please consult your local office supply Dealer or Victor's Web Site. Warranty repair requires a copy of the original purchase invoice or receipt to be packed with the machine.

Any warranty, statutory or otherwise, does not include service and or replacement or repair of parts when damage or defect is a result of accident, abuse, or the elements.

To register your warranty please email us your registration through our website or by emailing it to [registration@victortech.com](mailto:registration@victortech.com).

## Contact Information

- **Corporate Office:** Victor Technology 100 E. Crossroads Pkwy. Suite C Bolingbrook, IL 60440
- **Phone:** (630) 268-8400

- **Fax:** (630) 972-3902
- **Website:** <http://www.victortech.com>

## Frequently Asked Questions

What is the printing speed of the Victor 1208-2 Printing Calculator?

The Victor 1208-2 Printing Calculator has a printing speed of 2.4 lines per second.

What type of printing paper does this calculator use?

This calculator uses printing paper with a width of 57mm and a maximum diameter of 80mm.

What is the power source for this calculator?

The calculator can be powered by either an AC adapter (with varying voltage options) or four AA size manganese dry batteries (UM-3).

Is there a backup battery in this calculator, and what is its purpose?

Yes, there is a backup battery (Type: CR 2032) in this calculator. It retains the tax rate, calendar, and clock settings when the power is off or even when the AC cord is disconnected.

How long does the backup battery last, and what happens if it needs replacement?

The backup battery has a backup time of 1000 hours. If it needs replacement, follow the instructions in the manual to replace it.

What is the warranty for the Victor 1208-2 Printing Calculator?

The Victor 1208-2 Printing Calculator comes with a two-year warranty for all parts and labor, provided that repair work is performed at an authorized VICTOR Regional Service Center. Please keep a copy of the original purchase invoice or receipt for warranty purposes.

What should I do if the display malfunctions or if there is a memory loss issue?

If the display malfunctions or if there is memory loss, you can use the reset button on the bottom of the calculator. Use a ballpoint pen or a similar sharp object to press the reset button. After resetting, remember to set the tax rate, time, and date again.

Can I use this calculator to calculate taxes, profits, and margins?

Yes, the calculator is capable of calculating taxes (both included and excluded), profits, and margins. It has dedicated keys and functions for these calculations. You can enter the necessary values and perform the

calculations accordingly.

Can I switch between AC power and battery power on this calculator?

Yes, you can power the calculator either using an AC adapter or by inserting four AA size manganese dry batteries (UM-3). You can choose the power source based on your preference or availability.

Is it possible to calculate percentages with this calculator?

Yes, you can calculate percentages using the calculator. It has a Percent key ( $\% \pm$ ) that allows you to perform percentage calculations.

Can I calculate profit margins and taxes with different rates using this calculator?

Yes, the calculator provides functions for calculating profit margins and taxes with different rates. You can set the tax rate using the RATE SET key and perform calculations accordingly.

What should I do if the display shows an error or overflow message?

An error or overflow message may appear if the calculation exceeds the calculator's capacity. In such cases, you may need to review and adjust your calculations to stay within the calculator's limits.

#### Video- Product Overview



[Download This PDF Link: Victor 1206-2S/2023g Calculator 2023-2024 Printing Manual Calculator.mp4](#)