CATIGA®

SP-2401 User Manual EN / Manual De Usuario ES

ENGLISH

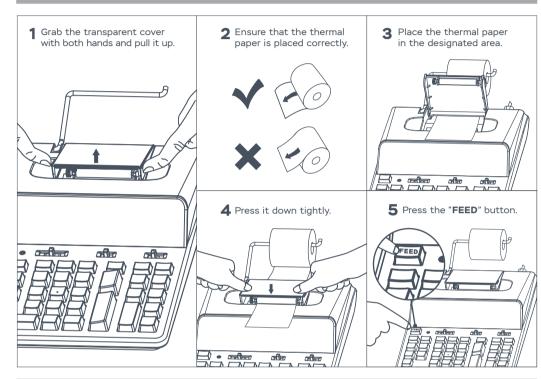
GENERAL MAINTENANCE

Do not use or leave the calculator in direct sunlight. Avoid areas prone to rapid temperature changes, high humidity, or dirt.
 If any electrical fault occurs (e.g., smoke), immediately disconnect the AC adapter from the power outlet.
 Clean the unit with a dry cloth. Do not use water, solvents, or cleaning agents.
 Do not place heavy objects on the unit, especially near the printing area.
 Do not use the calculator in areas with iron filings or metallic particles, as these may interfere with its circuits.
 Ensure the power outlet for the AC Adapter is easily accessible and within reach.

AC OPERATION

Use only the CATIGA AC Adapter provided with the unit.
Turn the power switch to OFF before connecting or disconnecting the AC Adapter.
Press the C-CE key to restart the calculator.

INSERTING PRINTING PAPER



DECIMAL POINT SELECTOR SWITCH

Select the desired decimal position (4, 3, 2, 1, 0) for calculations.

A (Add-Mode) : Automatically applies a 2-digit decimal for addition and subtraction operations, ideal for currency and financial calculations.

F (Floating Decimal Point) : All effective numbers up to 12 digits are printed or displayed

ROUNDING SWITCH

 • Up [↑]: Always rounds up.

 • 5/4: Rounds off based on standard rounding rules.

 • Down [↓]: Always rounds down.

POWER / PRINT / ITEM COUNT

Power Off : Turns power off.

ON (Power On/Print Off): Turns power on. Entries and results will appear on the display, but will not be printed out.

Print (Power On/Print On) : Entries and results will appear on the display and will be printed out

 of CONNECT
 Item : Set switch to "ITEM" to count the number of times the [+], __, [M] and [M] keys have been pressed. The item count will be printed on the left-hand side of the paper roll (up to 999 times) when the [#], [#], [M] or [M] keys are pressed.

OVERFLOW

In the following cases, when "E" is displayed, a dotted line is printed, the keyboard is electronically locked, and further operation is impossible. Press <u>C-CE</u> to clear the overflow. The overflow occurs when: 1) The result of the memory content exceeds 12 digits to the left of the decimal point.

Dividing by "O".
 The sequential operation speed is faster than the calculation processing speed (Buffer Register Overflow).

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 ballpoint 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

Operation Temperature: 0°C to 40°C (32°F to 104°F)
Display: 12 digits, large LCD display
Printing Speed: 8.0 lines per second
Printing Paper: Width 2-1/4 inch (57mm), diameter 0.98~3-1/8 inch (25~80mm)
Power Sources: AC 100-240V, 50/60Hz, includes a 5.0V Type-C adapter, 3.0A
Power Consumption: 15 W
Printing Color: Black (Negative numbers in Bold)
Important: Must use THERMAL PAPER ROLLS to ensure optimal performance and printing quality.

CALENDAR AND CLOCK FUNCTION

DATE AND TIME FUNCTION

- Used to switch between calendar or clock mode.
- * 12/24 Used to switch between 12 or 24 hour in clock mode.
- SET Used to set the date and time in calendar & clock mode.
- AM/PM Used to switch between AM or PM in clock mode time setting.

DATE AND TIME FUNCTION STEPS

1) Press TIME and then . . Hold 3 seconds (The first digit of the **month** will flash).

2) Enter the month "01" using the number keys (The first digit of the **date** will flash).

3) Enter the date "01" using the number keys (The first digit of the **year** will flash).

4) Enter the year "2006" using the number keys (The first digit of the **year** will flash)

5) Press 🔚 to confirm the date.

6) Press $\overline{\frac{DATE}{TIME}}$ and $\overline{\frac{1}{3ET}}$. Hold 3 seconds, enter the time using the number keys and press $\frac{1}{1224}$ to switch between 12-hour or 24-hour clock

EXAMPLE	OPERATION	DISPLAY	PRINT-OUT
		01-01-2023	01-01-2023
	Press and hold SET for 3 seconds.	"0"1-01-2023	
How to set date:	Input 10 (month)	10-"0"1-2023	
2024-10-05	05 (day)	10-05-"2"024	
	2024 (year).	"1"0-05-2024	
	Press set to confirm.	10-05-2024	10-05-2024
	Press TIME Twice	Am 12-00-00	12-00 Am
	Press and hold SET for 3 seconds.	Am "1"2-00	
How to set time:	Input 11:45	Pm "1"2-00	
23:45	Use AM/PM to switch the correct period to PM.	11-45	
	Press SET to confirm.	11-45-00	11-45 Pm
	Press to switch the clock to 24hr format, displaying the time as 23:45.	23-45-00	

CALCULATION EXAMPLES

SLIDE SWITCH SETTINGS • If switches on your calculator do not match the example below, please set switches as shown

A. FOUR FUNDAMENTAL ARITHMETIC CALCULATIONS

EXAMPLE	OPERATION	DISPLAY	PRINT-OUT
F 4 3 2 1 0 A 1 54 OFF ON PRINT ITEM	C·CE	0.	0. C
	24 +	24.	24. +
	36 +	60.	36. +
(24+36-75)×8÷(-9)	75 —	-15.	75. —
=13.3333333333	×	–15. ×	-15. ×
	8 ÷	-120. ÷	8. ÷
	9 (+/-)	-9. ÷	-9. =
	=	13.333333333 =	13.3333333333 *

B. CONSTANT MULTIPLICATION AND DIVISION CALCULATION

EXAMPLE	OPERA	TION	DISPLAY		PRINT-OUT	
F 4 3 2 1 0 A 154 OFF ON PRINT ITEM	(C·CE)		0.		0.	С
	25	×	25.	×	25.	×
a)25×3=75	3	=	75.	=	3.	=
					75.	*
25×4=100	4	=	100.	=	4.	=
	_				100.	*
25×5=125	5	=	125.	=	5.	=
					125.	*
b)36÷4=9	36	*	36.	÷	36.	÷
,	4	=	9.	=	4.	=
					9.	*
136÷4=34	136	=	34.	=	136.	=
000.04 50					34.	*
236÷4=59	236	=	59.	=	236.	=
					59.	*

C. PERCENT CALCULATION

EXAMPLE	OPERATION	DISPLAY	PRINT-OUT
a)500×14.2%=71	C·CE 500 × 14.2 %	0. 500. × 71. =	0. C 500. × 14.2 % 71. *
b)500×(1+14.2%) =571	500 × 14.2 % +	500. x 71. = 571.	500. × 14.2 % 71. * 571.+%
c)500×(1-14.2%) =429	500 × 14.2 %	500. x 71. = 429.	500. × 14.2 % 71. * 429%

D. MEMORY CALCULATION

EXAMPLE	OPERATION	DISPLAY	PRINT-OUT
(8732×3)-(42730÷ 32)=24860.6875	C·CE 8732 × 3 M≢ 42730 ÷ 32 M≡	0. 8'732. × M 26'196. M 42'730. ÷ M 1'335.3125	0. C 8,732. × 3. = 26,196. M+ 42,730. ÷ 32. = 1,335.3125 M-
	Mø	M 24'860.6875	002 24,860.6875 M◊
	M*	24'860.6875	002 24,860.6875 M*

EXAN F 4 3 2 1 0 A

123+45

EXAMPLE	OPERATION	DISPLAY	PRINT-OUT
С 4 3 2 1 2 A 4 1 2 A 4 1 2 A 4 1 2 A 4 1 A 4 4 A 4 A 4 A 4 A 4 A 4 A 4 A 4	<u>C•CE</u> 1.4231 ★ 3 =	0. 1.4231 × 4.2693 =	0. C 1.4231 × 3. = 4.2693 *
F. 4. 3. 2. 1. 0. 4. ‡ \$P\$ ± OFE_ON_PRINT_IDEM I I I	1.4231 × 3 =	1.4231 × 4.27 =	1.4231 × 3. = 4.27 *
123+5=128 To print date 2024.10.05	123 + 5 + ∞ 2024.10.05 #/◊	123.00 128.00 GT 128.00 GT 2'024.1005	123.00 + 5.00 + 002 128.00 G+ #2024.10.05
F. 4. 3. 2. 1. 0. A. 1. 04. 4. OPP. ON PRINT ITEM	1.4231 × 3 = GT GT	GT 1.4231 × GT 4. = 128.00	1.4231 * 3. = 4. * 128.00 G◊ 128.00 G¥
3.13+0.05+4.56+ 6.00=13.74	C·CE 313 + 5 + 456 + 600 + * GT GT	0. 3.13 3.18 7.74 13.74 GT 13.74 13.74	0. C 3.13 + 0.05 + 4.56 + 6.00 + 004 13.74 G+ 13.74 G♦ 13.74 G¥



(Ę	4 3	21	? ↑)	‡ ¢

	F	4	3	;	1	•	÷		- 1
							T		ſ
	-						_		_
				;	3.	. 1	3	+1	0.0
				6	6	.0	0	=	13

EXAMPLE	OPERATION	DISPLAY	PRINT-OUT
1 1	C-CE 3 ÷ 7 ≭ 2 =	0. 3. ÷ 0.42857142857 × 0.85714285714 =	0. C 3. ÷ 7. × 2. = 0.85714285714 *
F 4 3 2 1 0 A 1 04 1 OFE ON PRINT ITEM 3+7×2=? Image: Comparison of the second se	$\begin{array}{c} 3 & \div \\ 7 & \star \\ 2 & = \end{array}$	3. ÷ 0.42857142857 × 0.8572 =	3. ÷ 7. × 2. = 0.8572 ∗
5.100 1.000 000000000000000000000000000000000000	3 ÷ 7 × 2 =	3. ÷ 0.42857142857 × 0.86 =	3. ÷ 7. × 2. = 0.86 *
5 4 3 2 1 0 A 1 54 5 OFE ON PRINT THEM 3+7×2=?	3 ÷ 7 × 2 =	3. ÷ 0.42857142857 × 0.85 =	3. ÷ 7. × 2. = 0.85 *



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						З	3÷	7	×2
	F	4	3	2	1	0	Å.		1

EXAMPLE	OPERATION	DISPLAY	PRINT-OUT
F 1 3 2 1 0 А 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	C·CE 5 × 2 =	0. 5. x 10. =	0. C 5. × 2. = 10.*
B=10×5=\$50	+ 10 × 5 =	10. 10. × 50. =	10. + 10. × 5. = 50. *
Subtotal C C=A+B=\$60	+ \$/#	60. 60.	50. + 60. ◊
D=5×6=\$30	5 × 6 =	5. × 30. =	5. × 6. = 30. *
E=10×7=\$70	+ 10 × 7 =	90. 10. × 70. =	30. + 10. × 7. = 70. *
F=D+E=\$100 G=C+F=\$160	+ * GT GT	160. GT 160. 160	70. + 004 160. G+ 160. G◊ G*

EXAMPLE	OPERATION	DISPLAY	PRINT-OUT
• •	C·CE 1500 SELL 30 MARGIN	0. >SELL< 1'500. COST 1'050.	0. C 1'500. SELL 30. % MGN 1,050. COST
Calculating Selling Price Cost:\$2,000 Profit Margin:20% Selling Price=?(2,500)	2000 COST 20 MARGIN	COST 2'000. SELL 2'500.	2,000. COST 20. % MGN 2,500. SELL
Calculating Profit Margin Cost:\$1,500 Selling Price:\$2,000 Profit Margin=?(25%)	1500 COST 2000 SELL	COST 1'500. MARGIN% 25.	1,500. COST 2,000. SELL 25. %MGN

EXAMPLE	OPERATION		
a)500×14.2%=71	C·CE 500 × 14.2 %		
b)500×(1+14.2%) =571	500 × 14.2 % +		
c)500×(1-14.2%) =429	500 × 14.2 %		



E. CORRECTING MISTAKEN ENTRY

MPLE	OPERATION	0	DISPLAY	PRINT-OUT
	C·CE 123 + 456 C·CE		0. 123. 0.	0. C 123. +
55=578	455 + *	GT	578. 578.	455. + 002 578. GT
	C·CE	GT	0.	0. C
	GT	GT	578.	578. G◊
	GT		578.	578. G*

F. DECIMAL SELECT

G. ROUNDING CALCULATION

H. APPLICATION CALCULATION

I. BUSINESS SALES CALCULATION

J. CALCULATE INCLUDED TAX OR EXCLUDED TAX OPERATION

EXAMPLE	OPERATION	DISPLAY	PRINT-OUT
F 4 3 2 1 0 A 1 54 + OFF ON PRINT ITEM	C·CE	0.	0. C
	TAX+	TAX%< 0.	0. %TAX
Enter rate (3%)	3 TAX+	TAX% 3.	3. %TAX
Add the Tax Amount Price \$1560 (without tax) Tax=? (\$46,8) Selling Price with tax=? (1606.8)	1560 (TAX+)	TAX+ 1'606.8	1,560. 3. %TAX 46.8 TAX 1,606.8 TAX+
Deduct the Tax Amount Selling Price \$1560 (with tax) Tax=? (\$45.438932038) Price without Tax=? (\$1514,5631068)	1560	TAX- 1514.5631068	1,560. 3. %TAX -45.4368932037 TAX 1514.5631068 TAX-
Recall Tax Rate	C·CE TAX-	TAX% 3.	0. C 3. %TAX

K. ITEM AVERAGE

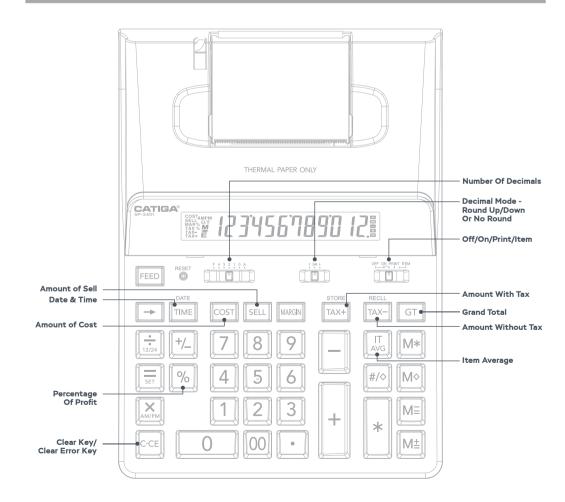
EXAMPLE	OPERATION	DISPLAY	PRINT-OUT
F 4 3 2 1 0 A 1 54 + OFF ON PRINT ITEM	C·CE	0.	0. C
	610 🛨	610.	610. +
610+700-300	700 +	1'310.	700. +
=1010	300 📃	1'010.	300
		3.	003
		336.666666666	336.666666666 AVG
123+456+789	123 +	1'133.	123. +
	456 +	1'589.	456. +
	789 +	2'378.	789. +
+ IT *		6.	006
		396.333333333	396.333333333 AVG

DISPLAY SYMBOL

M : A number has been stored in memory.
 E : Error or overflow of capacity.
 - : The display value is negative.
 TAX+, TAX-, TAX* : Performance of tax calculation.
 COST, SELL, MARGIN : Performance of cost, sell and profit margin calculation

When there is no printing paper, the device stops functioning and displays "E" and "P" on the screen.

KEY FUNCTIONS



THANK YOU FOR YOUR PURCHASE!

Each unit comes with full domestic customer service and a **ONE YEAR WARRANTY** for any defects. For any questions, concerns or defects please don't hesitate to reach out - customer satisfaction is our guarantee.

We can be reached by e-mail or phone from 10 AM - 5 PM PST.

• Phone: (323)-818-2398

Visit us at **Catigausa.com** for more information.