# Canon

### AS-220RTS

Calculator



INSTRUCTION E

## Calculation Examples

CALCULATION         OPERATION         DISPLAY           ▼ Mixed         (140-35+22=127)         (140 □ 35 □ 22 □ 127.)           2xZ(3)=6         2 ▼ 2 □ 3 □ (0.63.)           -7x99'=-63         7 □ 3 99 □ □ (0.76.)           (2+4)+3x8.1=16.2         (16.2)           ▼ Power, Fraction         3 ▼ 1 □ (0.76.)           3 <sup>4</sup> = 81         (15-0.2)           1/(2x3+4)=0.1         (16.2)           ▼ Constant         (17.2)           2+3=5         (17.2)           4+3=7         (17.2)           1-2=-1         (17.2)           2-2=0         (17.2)           2x3=6         (2x3 3 □ (0.2)           2x4=8         (17.2)           4 □ (0.3)         (0.3)           2x4=8         (17.2)           4 □ (1200x20%) = 1,440         (1200 □ 20 □ 0.2)           1200-(1200x20%) = 960         (1200 □ 20 □ 0.2)           1200-(1200x20%) = 960         (17.2)           1200 □ 20 □ 0.2         (17.2)           1200 □ 20 □ 0.2         (17.2)           1200 □ 20 □ 0.2         (17.2)           1200 □ 20 □ 0.2         (17.2)           1200 □ 20 □ 0.2         (17.2)           1200 □ 20 □ 0.2         (17.2)			
▼ Mixed         (         0.7           140-35+22=127         140  35  22  (2  (3  (3  (3  (2 +4) +3 x8.1=16.2))))         (         127.           2x2(3)=6         2  2  2  (3  (3  (3  (3  (3  (3  (3  (3	CALCULATION	OPERATION	DISPLAY
140—35+22=127 2x2·③=6	+- ×÷	<u> </u>	123426789012
2x2'③=6     -7x99'=-63     (2+4)+3x8.1=16.2  ▼ Power, Fraction 3⁴=81 1/5=0.2 1/(2x3+4)=0.1  ▼ Constant 2+3=5 4+3=7 1-2=-1 2-2=0 2x3=6 2x4=8 4	▼ Mixed	ON CA	( 0.)
-7x99′=-63 (2+4)+3x8.1=16.2 7	140-35+22=127	140 🖨 35 🖶 22 🖨	( 127.)
(2+4)+3x8.1=16.2       2 ■ 4 ● 3 ■ 3 ■ ( 16.2)         ▼ Power, Fraction       3 ■ 1 □ ( 81.)         3 <sup>4</sup> = 81       3 ■ 1 □ ( 0.2)         1/5=0.2       5 □ □ ( 0.2)         1/(2x3+4)=0.1       2 ■ 3 □ 4 □ □ ( 0.1)         ▼ Constant       2 ■ 3 □ 4 □ □ ( 0.1)         2+3=5       4 □ ( 7.)         4+3=7       4 □ ( 7.)         1-2=-1       1 □ 2 □ ( -1.)         2-2=0       2 □ ( 0.)         2x3=6       2 ■ 3 □ ( 3.)         2x4=8       4 □ ( 8.)         6+3=2       9 □ ( 3.)         9+3=3       9 □ ( 1200 □ 2.0)         1200+(1200x20%) = 1,440       1200 □ 20 № ( 1440.)         1200-(1200x20%) = 960       1200 □ 20 № ( 74x% 5.)         Recall Tax Rate       № № № (74x% 5.)         Recall Tax Rate       № № (74x% 5.)         Add the Tax Amount       2000 ( 74x% 2.100.)         Tight       ( 74x% 5.)         Price with tax? (\$2,100.)       1 № (74x 100.)         1 № (74x 100.)       1 № (74x 100.)         1 № (74x 100.)       1 № (74x 100.)         1 № (74x 100.)       1 № (74x 100.)         2 № (74x 100.)       1 № (74x 100.)         2 № (74x 100.)       1 № (74x 100.)         2 № (74x	2x23=6		( 6.)
	l '		( - 63.)
V Power, Fraction       3⁴ =81       (       81.)         1/5=0.2       5	(2+4)÷3x8.1=16.2		, , ,
3⁴ = 81 1/5=0.2 1/(2x3+4)=0.1  ▼ Constant 2+3=5 4+3=7 1-2=-1 2-2=0 2		8010	( 16.2)
1/5=0.2 1/(2x3+4)=0.1  ▼ Constant 2+3=5 4+3=7 4	· '		
1/(2x3+4)=0.1  ▼ Constant  2+3=5 4+3=7 4 □ ( 7.) 1-2=-1 2-2=0 2 □ ( -1.) 2-2=0 2 □ ( 0.) 2x3=6 2 □ 3 □ ( 6.) 2x4=8 4 □ ( 8.) 6+3=2 9+3=3 9 □ ( 2.) 9+3=3 9 □ ( 3.)  ▼ Percentage  1200+(1200x20%) =1,440 1200-(1200x20%) =960 1200 □ 20 □ ( 1'440.)			
V Constant       2+3=5       4       5.)         4+3=7       4       (       7.)         1-2=-1       1			' '
2+3=5 4+3=7 4	1/(2x3+4)=0.1	2 🗶 3 🖶 4 🖨 🗎	( 0.1)
4+3=7  1-2=-1  1-2=-0  2	▼ Constant		
1-2=-1 2-2=0 2	2+ <u>3</u> =5	2 🖽 3 🖨	( 5.)
2—2=0 2	4+ <u>3</u> =7	4 🖨	( 7.)
2x3=6	1– <u>2</u> =–1		( -1.)
2x4=8	2 <u>-2</u> =0	<del>-</del>	( 0.)
Soling price \$3,150 with tax Price \$100.00.00.00.00.00.00.00.00.00.00.00.00.	<u>2</u> x3=6		( 6.)
9+3=3  9	<u>2</u> x4=8	· —	
▼ Percentage  1200+(1200x20%) =1,440  1200-(1200x20%) =960  1200 ■ 20 № (1960.)  ▼ Tax Calculation  Tax Rate Set  Tax Rate = 5%  Recall Tax Rate  Add the Tax Amount  Price \$2,000 without tax Selling price with tax? (\$2,100)  Tax amount? = (\$100)  Peduct Tax Amount  Selling price \$3,150 with tax Price without tax? (\$3,000)    Tax = 150.0   Tax = 150.0   Tax = 150.0     Tax = 150.0   Tax = 150.			' '
1200+(1200x20%) =1,440 1200−(1200x20%) =960 1200 ■ 20 %±	9÷ <u>3</u> =3	9 🖪	( 3.)
1200—(1200x20%) =960  1200 ■ 20 %±  ( 960.)  ▼ Tax Calculation  Tax Rate Set  Tax Rate = 5%  Recall Tax Rate  Add the Tax Amount  Price \$2,000 without tax Selling price with tax? (\$2,100)  Tax amount? = (\$100)  Deduct Tax Amount  Selling price \$3,150 with tax Price without tax? (\$3,000)    Addition   Addit	▼ Percentage		
▼ Tax Calculation  Tax Rate Set  Tax Rate = 5% 5	1200+(1200x20%) =1,440	1200 <b>£</b> 20 <u>%</u> ±	( 1'440.)
▼ Tax Calculation  Tax Rate Set  Tax Rate = 5%  Recall Tax Rate    CA	1200–(1200x20%) =960	1200 <b>=</b> 20 %±	( 960.)
Tax Rate Set         Image: Take Tax Rate         Image: Take Taxe Taxe Taxe Taxe Taxe Taxe Taxe Tax	, ,		
Comparison of the content of the c	▼ Tax Calculation		TAY9/
Comparison of the content of the c			( 0.)
Add the Tax Amount  Price \$2,000 without tax  Selling price with tax? (\$2,100)  Tax amount? = (\$100)  Deduct Tax Amount  Selling price \$3,150 with tax  Price without tax? (\$3,000)  Add the Tax Amount  2000  (	Tax Rate = 5%	5 TAX+	` /
Price \$2,000 without tax         2000         ( 2'000.)           Selling price with tax? (\$2,100)         ( TAX+ 2'100.)           Tax amount? = (\$100)         ( TAX 100.)           Deduct Tax Amount           Selling price \$3,150 with tax         3150         ( 3'150.)           Price without tax? (\$3,000)         ( TAX- 3'000.)         ( TAX- 3'000.)	Recall Tax Rate	ON TAX- RECALL	( TAX% 5.)
Selling price with tax? (\$2,100)   Tax amount? = (\$100)   Tax =	Add the Tax Amount		
Tax amount? = (\$100)   Set   (Tax 100.)	Price \$2,000 without tax		
Deduct Tax Amount         3150         ( 3¹150.)           Price without tax? (\$3,000)         ( TAX- 3'000.)	( , , ,	_	
Selling price \$3,150 with tax? (\$3,000)	Tax amount? = (\$100)	TAX+ SET	( TAX 100.)
Price without tax? (\$3,000) TAX-  [TAX-  [STCAL]	Deduct Tax Amount		
RECALL (CO., OCC.)	Selling price \$3,150 with tax	3150	( 3'150.)
Tax amount? = (\$150)   TAX-   ( TAX		TAX- RECALL	[ ( 0000.)]
	Tax amount? = (\$150)	TAX- RECALL	( TAX 150.)

CALCULATION	ODERATION	DIOD: 41/	
CALCULATION EXTERN	OPERATION	DISPLAY	
×÷		123426789012	
▼ Business Calculation Calculating Cost Selling Price: \$2,000 Profit Margin: 30% Cost =? (\$1,400)	2000 SELL 30 MARGIN	( SELL 2'000.) (COST 1'400.)	
Calculating Selling Price Cost: \$1,500 Profit Margin: 20% Selling Price=? (\$1,875)	ce 1500 cost 20 margin	(COST 1'500.) (SELL 1'875.)	
Calculating Profit Marg Cost: \$1,500 Selling Price: \$2,000 Profit Margin =? (25%) Margin Value =? (\$500)	in   1500 COST   2000 (SELL   MARGIN	(COST 1'500.) (MARGIN% 25.) (MARGIN 500.)	
<b>▼ Memory</b> 3x4= 12  -) 6÷0.2= 30  -18  +) 200  182	CA CA M± A M± A A A M± A A A A	( 0.) (M 12.) (M 30.) (M -18.) (M 200.) (M 182.) ( 182.)	
▼ Check & Correction Calculation			
Check	ON CA	( 0.)	
(500+300-60)x <u>5</u> =3,700	500 🛨 300 🚍	( <b>02</b> 800.)	
	60 <b>X</b> 5 <b>=</b>	( <b>05</b> 3'700.)	
(500+300-60)x <u>2</u> =1,480	2 🖨	( <sup>07</sup> 1'480.)	
, – .		O4 CHECK	
* Constant Calculation	<b>V</b>		
		( <sup>02 CHECK</sup> 300.)	
		( <sup>03 CHECK</sup> 60.)	
	▼	( <sup>04 снеск</sup> 5.)	
	▼	( <sup>05 снеск</sup> 3'700.)	
	▼	( <sup>06 CHECK</sup> 2.)	
	<u> </u>	( <b>07</b> снеск к 1'480.)	
		55.,	
Correct "+300" to "-200	)" 	07 CHECK 1/ E	
(500+300–60)x <u>5</u> =3,700		(07 CHECK K 1'480.)	
(500+300–60)x <u>2</u> =1,480		( <sup>02 CHECK</sup> 300.)	
1.1	(CORRECT)	(02 CORRECT 300.)	
	200 CORRECT	(020.100.)	
7 4	▼	( 03 CHECK 60.)	
$\vee$	▼	(04 CHECK 5.)	
•	•	OE CHECK	
(FOO DOD OT) - 1 T-			
(500 <b>–200</b> –60)x <u>5</u> =1,200		( <sup>06 CHECK</sup> 2.)	
(500 <b>–200</b> –60)x <u>2</u> = 480	•	(07 CHECK K 480.)	
<b>▼</b> Overflow			
1) 123456789x78900	123456789 🗶 78900 🖨	(E 9.74074065210)	
=974074065210 <u>0</u>	은	( 9.74074065210)	
(ERROR) ——			
2) 6÷0=0 **	6 🖨 0 🖨 [평	(E 0.)	
(ERROR)		, 3.,	

#### INFORMATION

· Before using this product, please read this manual carefully. And keep it on hand for future reference.

## CAUTION

- Avoid using, placing or storing the calculator in places subject to strong sunlight, rapid temperature change, humid or dusty areas.
- 2) Use a dry cloth to clean the casing of the unit. Do not use water, organic solvents or detergents.
- 3) Avoid using the calculator in places where there are iron filings, as this may affect the electrical circuits of the calculator.
- 4) Do not twist or bend the calculator.
- 5) Do not attempt to open the calculator.
- 6) Do not let the product come into contact with water or other liquids.

#### POWER SUPPLY

This calculator has two power sources: battery and solar. The duration of the battery depends on individual

(Note: Do not attempt to change the battery. Please have a Canon Service Center technician to change the battery.)

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, press the on key and re-start your calculation from the beginning.

#### **AUTOMATIC POWER-OFF FUNCTION**

When the power is turned "ON" and none of the keys are pressed for more than 7 minutes, the calculator turns off automatically to save power. Press ON key to re-start the calculator.

#### TAX FUNCTION



Store the Tax Rate: Press ON TAX+ and enter the tax rate amount, then press TAX+ to store.



Recall the Tax Rate: Press ON RECALL to recall the stored tax rate.



Add Tax Key: Used to add the tax amount to the displayed figure.



Deduct Tax Key: Used to deduct the tax amount from the displayed figure.

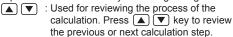
#### **BUSINESS CALCULATION**



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.)

#### CHECK AND CORRECT FUNCTION

This calculator has a 120 steps replay memory capacity which is useful for checking the calculation process. Input data can be edited by correcting the figures.



- The step indicator shows the number of steps of the current calculation on display.
- When reviewing the process with key, "Percent", or "Constant" calculation will be displayed as "%", or "K" indicator.
- If a calculation exceeds 120 steps, the step indicator will blink; and further calculations will not be recorded within the replay memory.



: Used for changing calculation contents in the Replay mode.

- The CORRECT function can only work up to 119 steps. No correction can be made after 119 steps.
- The (CORRECT) function is operative only for complete equations finished with "=".



: Press (AUTO) to scrolls through the calculation steps from beginning to end. And press (AUTO) (a), (v) to stop the auto check operation.

#### **OVERFLOW FUNCTIONS**

In the following cases, error message (E) will be shown on the display. The keyboard is electronically locked, and further operation is impossible. Press ि to clear the overflow. The overflow occurs when:

- The result or the memory content exceeds 12 digits to the left of the decimal point.
- Dividing by "0".

#### **SPECIFICATIONS**

Power Source: Solar cell and alkaline battery (LR44 x 1) Operating Temperature: 0°C to 40°C

Dimension: 150mm(L) x 134mm (W) x 36mm (H)

Weight: 150g

All specifications and contents of this instruction are subject to change without notice

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