












## Guide To Symbols

 <b>REVERSIBLE KEYBOARD</b>	Keys for basic functions are on one side, while keys for advanced functions are on the other.	 <b>RESUME</b>	Resumes operations after the Auto Power-Off Function has taken effect.
 <b>EQUATION EDITOR</b>	Displays equations as they are written.	 <b>RESUME PLUS</b>	Resume Function plus Line Counter and Condition Symbol.
 <b>SLIDE SHOW</b>	Use slide shows to help demonstrate lessons.	 <b>ANSWER CHECK</b>	An "OK" sign appears when the calculation being checked matches the previous result.
 <b>HARD CASE</b>	Durable hard case protects calculator from damage.	 <b>AVG</b>	Calculates average of inputted data.
 <b>D.A.L.</b>	Features easy key-in for algebraic equations.	 <b>TAX</b>	Calculates prices with or without taxes.
 <b>DIRECT ALGEBRAIC LOGIC</b>	Allows users to check the equation and answer at the same time.	 <b>DAY/DATE</b>	Determines the number of days and a specific date from inputted dates.
 <b>2-LINE DISPLAY</b>	Lets you backtrack to a previous step in the equation, to the extent that memory capacity allows.	 <b>102</b>	Recalls the last 102 actions performed.
 <b>MULTI-LINE PLAYBACK</b>	Eliminates the need to re-enter the constant when doing repeated calculations.	 <b>AUTO REPLAY</b>	Automatically reviews the entire calculation.
 <b>CONSTANT CALCULATION</b>	Allows the previous answer to be used in the next calculation.	 <b>CORRECT</b>	Changes incorrectly inputted data.
 <b>CHAIN CALCULATION</b>	Allows you to easily find the answer to derivative calculations.	 <b>INSERT</b>	Inserts new data.
 <b>NUMERICAL DERIVATIVE</b>	Allows you to easily find the answer to integral calculations.	 <b>DELETE</b>	Deletes unwanted data.
 <b>NUMERICAL INTEGRAL</b>	Formulas or equations can be stored to simplify calculations.	 <b>REPEAT</b>	Enters the same values repeatedly.
 <b>FORMULA MEMORY</b>	Enables you to store frequently used functions.	 <b>CHANGE</b>	Calculates the amount to be returned from a payment.
 <b>DEFINABLE MEMORY</b>	For easier reading of long, multi-digit numbers, " " or " " is inserted for each group of three digits.	 <b>TWIN POWER</b>	Batteries provide back-up to solar power when light source is interrupted.
 <b>3-DIGIT PUNCTUATION</b>	Enables quick input of a keystroke, even if you still have a finger on the previous key.	 <b>WALLET</b>	Includes handy wallet cover for extra protection and easy storage.

 <b>CALENDAR/CLOCK</b>	Displays date and time.	 <b>L-DISPLAY</b>	Easy-to-read large digital display reduces eye strain, preventing errors.
 <b>TOTAL SUM</b>	Automatically calculates the total sum of amounts generated.	 <b>TILT DISPLAY</b>	Adjustable angle for personal preference.
 <b>ADDING MACHINE</b>	Fixed angle to ensure optimum readability.	 <b>LAST ANSWER</b>	Allows answer to be used in following equation.
 <b>KICK STAND</b>	Raises calculator to an ideal operating angle for easier data entry.	 <b>2-COLOUR PRINT</b>	Printed report is easy to read with red ink used for negative.
 <b>BackLight</b>	Characters are illuminated for improved readability.	 <b>3-RATE CONVERTER</b>	3 rates can be converted easily with the touch of a button.
 <b>EASY HOLD</b>	Fits easily in the palm of your hand.	 <b>RATE CONVERTER</b>	Easy conversion of units such as currencies, based on an adjustable rate set by the user.
 <b>LIGHT METER</b>	Quick and convenient calculation of cost, selling price and margins; ideal for business transactions.	 <b>METRIC CONVERTER</b>	Easy conversion into and out of metric measurements with just the touch of a button.
 <b>HARD COVER</b>	Comes with attached hard cover for extra protection and durability.	 <b>EASY HOLD</b>	Fits easily in the palm of your hand.
 <b>PLASTIC BUTTONS</b>	Long-life plastic buttons.	 <b>LIGHT METER</b>	Quick and convenient calculation of cost, selling price and margins; ideal for business transactions.

### Scientific Calculator Homepage

<http://sharp-world.com/contents/calculator/index.html>

The newly redesigned Sharp scientific calculator homepage is even more convenient than before. Along with detailed information about each model in our line-up, you'll find Flash-based demonstrations of the calculators' unique features and a variety of handy downloads for educational use.



#### Available Downloads and Resources

- Classroom Materials
- Programme Resources
- Guide Books
- Peripheral Devices
- Key Symbols for Textbooks
- Illustrations for OHPs

# SHARP

HANDY AND  
COLOURFUL  
ELECTRONIC  
DEVICES



2011 ▶ 2012

ELECTRONIC CALCULATORS

# SHARP

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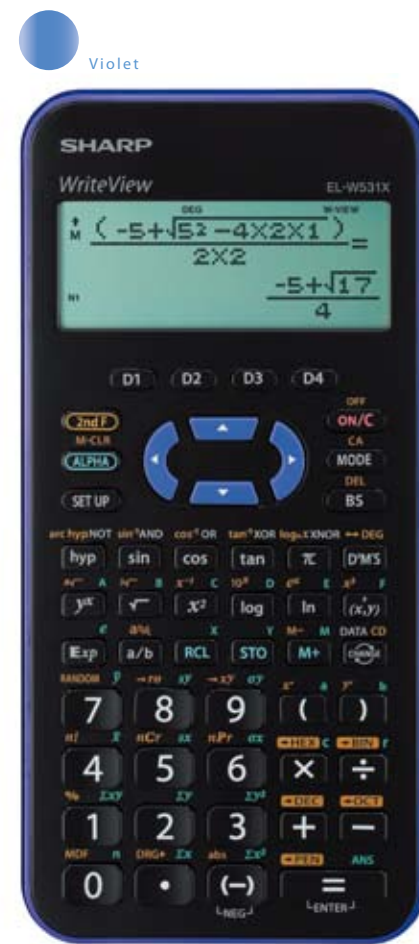


**WRITEVIEW**

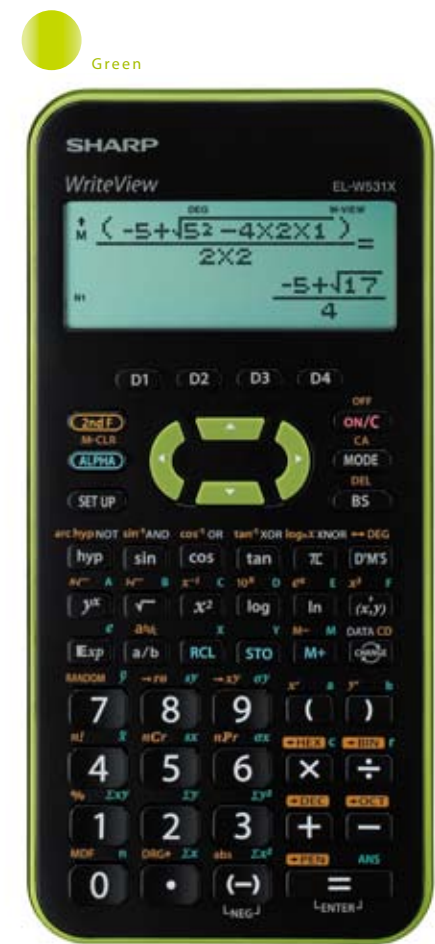
**EL-W531X** NEW

- Textbook style display
- Maths drill function
- Constant/chain calculations
- Multi-line playback
- Power source: LR44 x 1
- Dimensions: 80 (W) x 168 (D) x 14 (H) mm  
3-5/32" x 6-5/8" x 9/16"
- Weight: Approx. 98.5 g

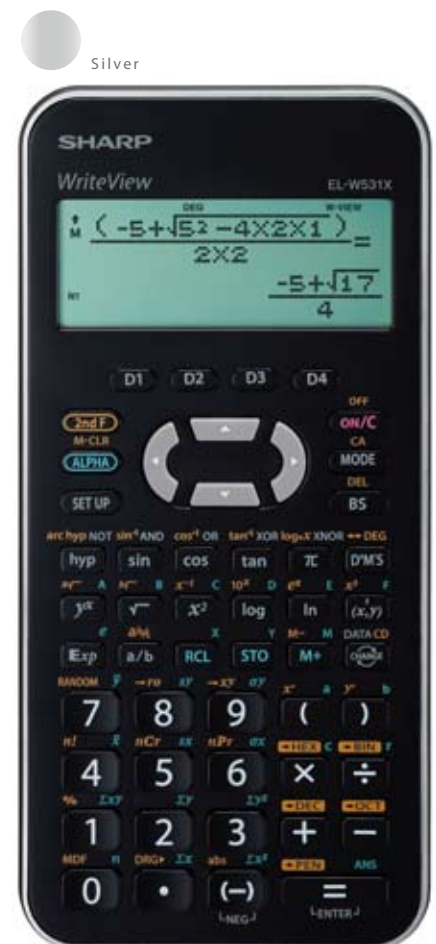
335 functions 96 x 32  
Last Answer Dot Matrix  
D.A.L. x+√x  
DUAL PUNCTUATION 2-KEY ROLL-OVER  
RESUME



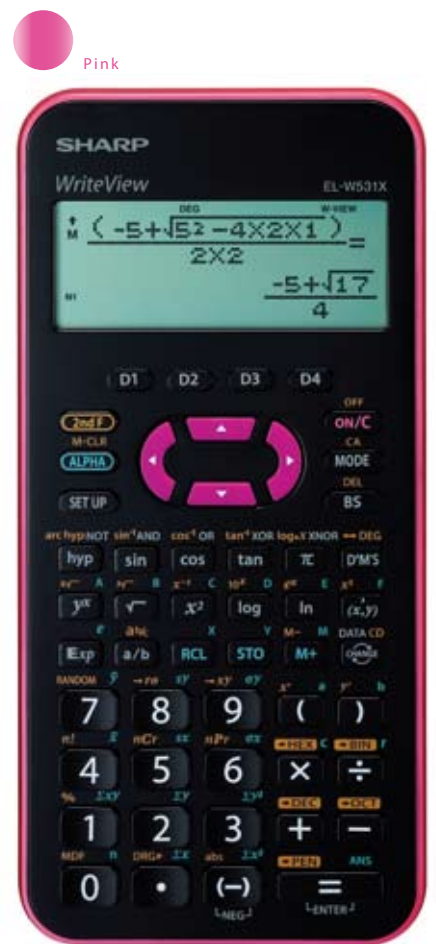
EL-W531X(VL)



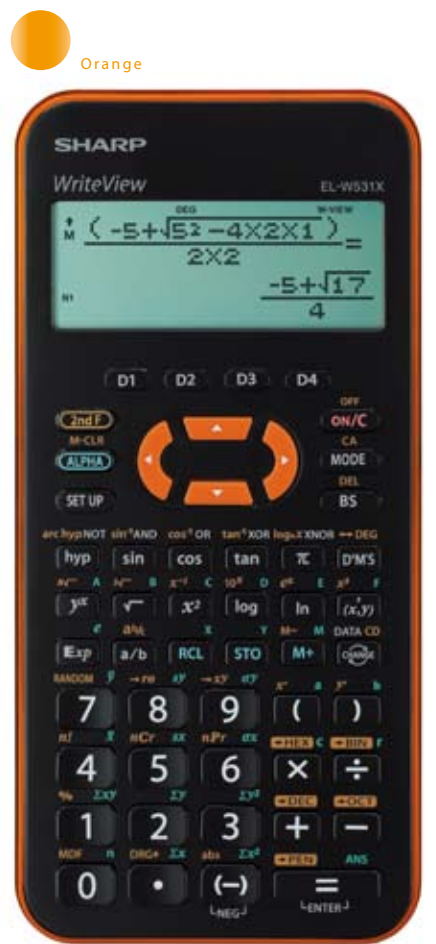
EL-W531X(GR)



EL-W531X(SL)



EL-W531X(PK)



EL-W531X(YR)

Colourful Scientific Calculators

**EL-W531XH** NEW

- Textbook style display
- Maths drill function
- Constant/chain calculations
- Multi-line playback
- Power source: R03 (AAA) x 1
- Dimensions: 80 (W) x 168 (D) x 14 (H) mm  
3-5/32" x 6-5/8" x 9/16"
- Weight: Approx. 103 g

335 functions 96 x 32  
Last Answer Dot Matrix  
D.A.L. x+√x  
DUAL PUNCTUATION 2-KEY ROLL-OVER  
RESUME AAA Battery



EL-W531XH(VL)

Violet

Green EL-W531XH (GR)  
Silver EL-W531XH (SL)  
Pink EL-W531XH (PK)  
Orange EL-W531XH (YR)

**EL-W506X** NEW

- Textbook style display
- Maths drill function
- Constant/chain calculations
- Multi-line playback
- List calculations
- Matrix function
- Power source: Twin power (Solar cell & LR44 x 1)
- Dimensions: 80 (W) x 168 (D) x 14 (H) mm  
3-5/32" x 6-5/8" x 9/16"
- Weight: Approx. 98.5 g

556 functions 96 x 32  
Last Answer Dot Matrix  
D.A.L. x+√x  
DUAL PUNCTUATION 2-KEY ROLL-OVER  
RESUME



EL-W506X(YR)

Orange

Violet EL-W506X (VL)  
Green EL-W506X (GR)  
Silver EL-W506X (SL)  
Pink EL-W506X (PK)

**EL-W531XG** NEW

- Textbook style display
- Maths drill function
- Constant/chain calculations
- Multi-line playback
- Power source: Twin power (Solar cell & LR44 x 1)
- Dimensions: 80 (W) x 168 (D) x 14 (H) mm  
3-5/32" x 6-5/8" x 9/16"
- Weight: Approx. 98.5 g

335 functions 96 x 32  
Last Answer Dot Matrix  
D.A.L. x+√x  
DUAL PUNCTUATION 2-KEY ROLL-OVER  
RESUME



EL-W531XG(PK)

Pink

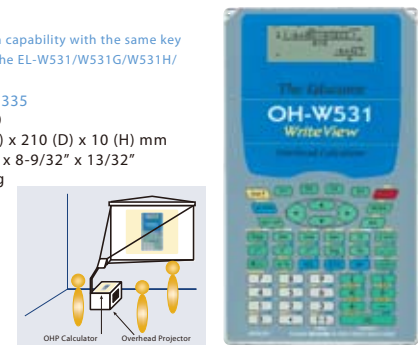
Violet EL-W531XG (VL)  
Green EL-W531XG (GR)  
Silver EL-W531XG (SL)  
Orange EL-W531XG (YR)

OHP Calculator

**OH-W531**

- Comprehensive calculation capability with the same key operations and layout as the EL-W531/W531G/W531H/W531X/W531XH/W531XG.
- Number of functions: 335
- Power source: LR1130
- Dimensions: 119.5 (W) x 210 (D) x 10 (H) mm  
4-23/32" x 8-9/32" x 13/32"
- Weight: Approx. 190 g

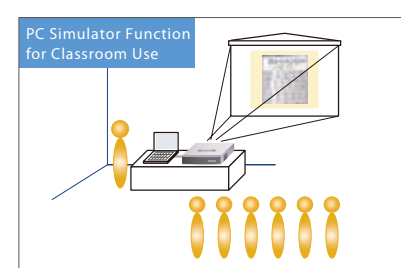
Note: For school use only. Please contact your Sharp dealer for OHP calculators.



PC Simulator



Note: For school use only. Please contact your Sharp dealer for PC simulators.



Screen shots can be captured for use by teachers in classroom presentations. Note: Four PC Simulators are available: one for EL-W531H/W531H/W531XG/W531XG, one for EL-W506X/W506X, one for EL-W531H/W531H/W531XG/W531XG, and one for EL-W531H/W531H/W531XG/W531XG.



STANDARD

**EL-509X** **NEW**

- Constant/chain calculations
- Multi-line playback
- Sturdy, stylish design
- Power source: LR44 x 1
- Dimensions: 80 (W) x 158 (D) x 14 (H) mm  
3-5/32" x 6-7/32" x 9/16"
- Weight: Approx. 94.5 g

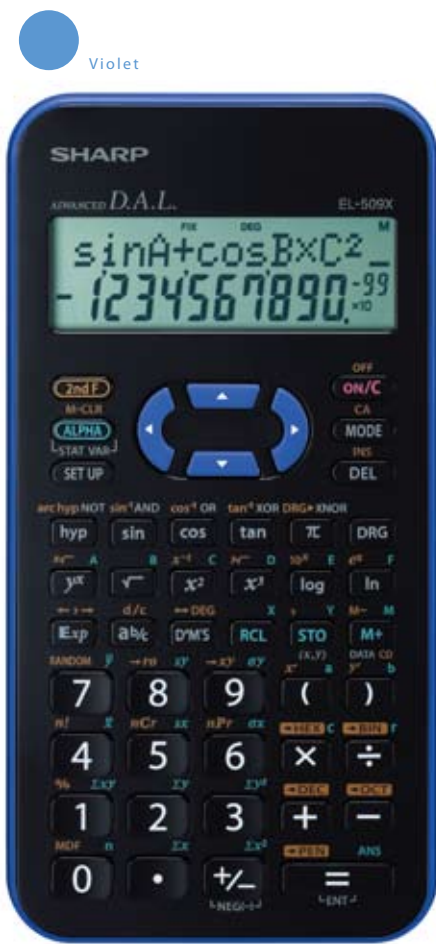
272 functions Upper: 12-Digit  
Last Answer Lower: 10+2-Digit

D.A.L. 2-Line

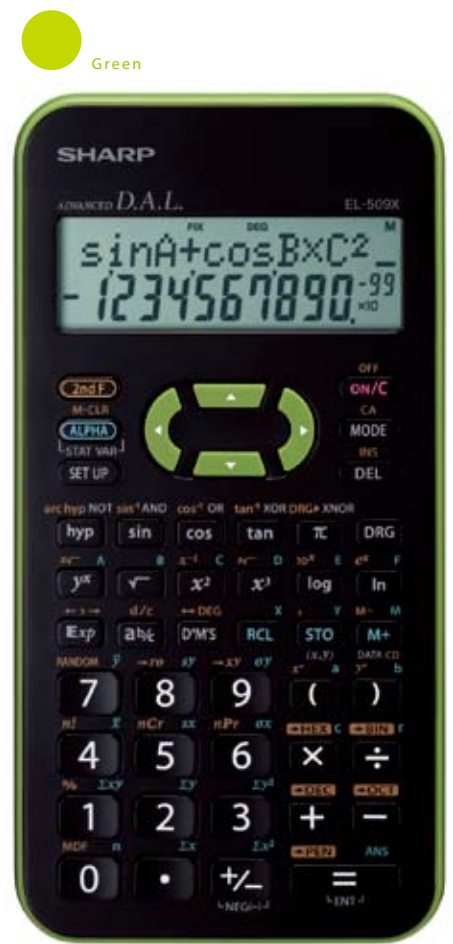
2-KEY PUNCTUATION 2-KEY ROLL-OVER

A-B-C A-B-C D

P



EL-509X(VL)



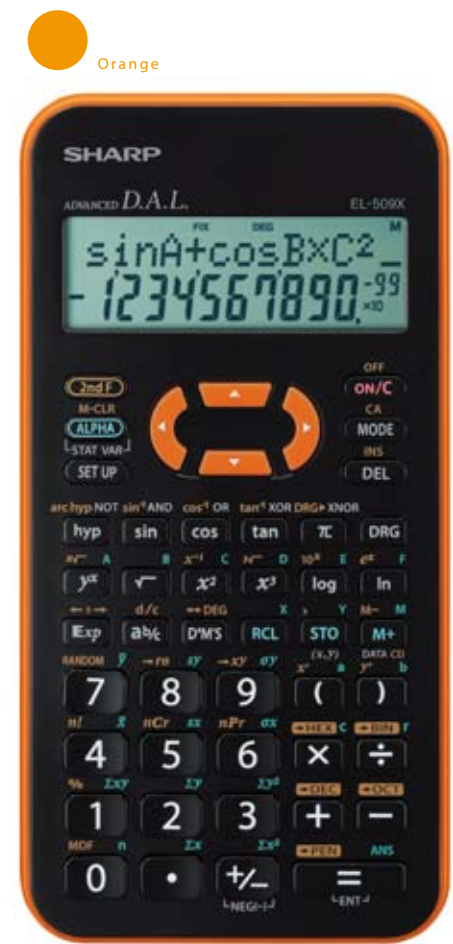
EL-509X(GR)



EL-509X(WH)



EL-509X(PK)



EL-509X(YR)

**EL-531XH** **NEW**

- Constant/chain calculations
- Multi-line playback
- Sturdy, stylish design
- Power source: R03 (AAA) x 1
- Dimensions: 80 (W) x 158 (D) x 14 (H) mm  
3-5/32" x 6-7/32" x 9/16"
- Weight: Approx. 101 g

272 functions Upper: 12-Digit  
Last Answer Lower: 10+2-Digit

D.A.L. 2-Line

2-KEY PUNCTUATION 2-KEY ROLL-OVER

A-B-C A-B-C D

AAA Battery



EL-531XH(YR)



Violet  
EL-531XH (VL)



Green  
EL-531XH (GR)



White  
EL-531XH (WH)



Pink  
EL-531XH (PK)

**EL-506X** **NEW**

- Constant/chain calculations
- Multi-line playback
- Solver function
- List calculations
- Matrix function
- Sturdy, stylish design
- Power source: Twin power (Solar Cell & LR44 x 1)
- Dimensions: 80 (W) x 158 (D) x 14 (H) mm  
3-5/32" x 6-7/32" x 9/16"
- Weight: Approx. 94.5 g

469 functions Upper: 12-Digit  
Last Answer Lower: 10+2-Digit

D.A.L. 2-Line

2-KEY PUNCTUATION 2-KEY ROLL-OVER

A-B-C A-B-C D

d/dx

dx



EL-506X(VL)



Green  
EL-506X (GR)



White  
EL-506X (WH)



Pink  
EL-506X (PK)



Orange  
EL-506X (YR)

**EL-531XG** **NEW**

- Constant/chain calculations
- Multi-line playback
- Sturdy, stylish design
- Power source: Twin power (Solar Cell & LR44 x 1)
- Dimensions: 80 (W) x 158 (D) x 14 (H) mm  
3-5/32" x 6-7/32" x 9/16"
- Weight: Approx. 94.5 g

272 functions Upper: 12-Digit  
Last Answer Lower: 10+2-Digit

D.A.L. 2-Line

2-KEY PUNCTUATION 2-KEY ROLL-OVER

A-B-C A-B-C D

P



EL-531XG(PK)



Violet  
EL-531XG (VL)



Green  
EL-531XG (GR)



White  
EL-531XG (WH)



Orange  
EL-531XG (YR)

**EL-520X** **NEW**

- Constant/chain calculations
- Multi-line playback
- Solver function
- Sturdy, stylish design
- Power source: Twin power (Solar Cell & LR44 x 1)
- Dimensions: 80 (W) x 158 (D) x 14 (H) mm  
3-5/32" x 6-7/32" x 9/16"
- Weight: Approx. 94.5 g

419 functions Upper: 12-Digit  
Last Answer Lower: 10+2-Digit

D.A.L. 2-Line

2-KEY PUNCTUATION 2-KEY ROLL-OVER

A-B-C A-B-C D

d/dx

dx



EL-520X(GR)



Violet  
EL-520X (VL)



White  
EL-520X (WH)



Pink  
EL-520X (PK)



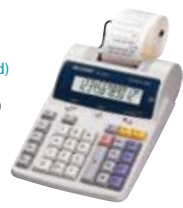
Orange  
EL-520X (YR)



**SEMI-DESKTOP**

**EL-1801C**

- Printing speed: 2.1 lines/sec.
- Ink roller: EA-781R-BK (black), EA-781R-RD (red)
- Power source: DC/AC (AA x 4, AC adapter optional)
- Dimensions: 170 (W) x 231 (D) x 57.5 (H) mm
- Weight: Approx. 580 g



12-Digit Adding Machine ±TAX Slant Display L-DISPLAY 2-COLOUR PRINT 2-KEY ROLL-OVER

**EL-1750PⅢ(GY)**

- Printing speed: 2.0 lines/sec.
- Ink roller: EA-772R
- Power source: DC/AC (AA x 4, AC adapter optional)
- Dimensions: 150 (W) x 230 (D) x 51.5 (H) mm
- Weight: Approx. 530 g

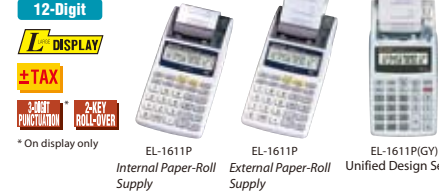


12-Digit Adding Machine L-DISPLAY AVG ±TAX 2-COLOUR PRINT 2-KEY ROLL-OVER

**HAND-HELD**

**EL-1611P**

- Printing speed: 1.6 lines/sec.
- Ink roller: EA-732R
- Power source: DC/AC (AA x 4, AC adapter optional)
- Dimensions: 96 (W) x 191 (D) x 40 (H) mm
- Weight: Approx. 315 g



12-Digit ±TAX 2-KEY ROLL-OVER EL-1611P Internal Paper-Roll Supply EL-1611P External Paper-Roll Supply EL-1611P(GY) Unified Design Series

**DESKTOP/SEMI-DESKTOP**

**CS-2122H**

- Time calculation
- Power source: AC only
- Dimensions: 210 (W) x 220 (D) x 74 (H) mm
- Weight: Approx. 850 g



12-Digit Adding Machine L-DISPLAY 2-KEY ROLL-OVER Slant Display

**CS-2130**

- Protective display cover
- Power source: Twin power (Solar cell & CR2032 x 1)
- Dimensions: 185 (W) x 175 (D) x 18 (H) mm
- Weight: Approx. 260 g



12-Digit Adding Machine L-DISPLAY 2-KEY ROLL-OVER Kick Stand

**EL-6138**

- Power source: Twin power (Solar cell & CR2032 x 1)
- Dimensions: 190 (W) x 154 (D) x 42 (H) mm
- Weight: Approx. 271 g



16-Digit L-DISPLAY 2-KEY ROLL-OVER Slant Display

**EL-2135**

- Protective display cover
- Power source: Twin power (Solar cell & CR2032 x 1)
- Dimensions: 190 (W) x 154 (D) x 42 (H) mm
- Weight: Approx. 271 g



12-Digit L-DISPLAY 2-KEY ROLL-OVER Slant Display

**EL-2128V**

- Power source: Twin power (Solar cell & LR44 x 1)
- Dimensions: 140 (W) x 197 (D) x 27.5 (H) mm
- Weight: Approx. 250 g



12-Digit L-DISPLAY 2-KEY ROLL-OVER Kick Stand RESUME PLUS ANSWER CHECK ±TAX DAYDATE Unified Design Series

**EL-338F, EL-338G**

- Power source: Twin power (Solar cell & LR44 x 1)
- Dimensions: 133 (W) x 200 (D) x 18 (H) mm (EL-338F)
- Weight: Approx. 230 g (EL-338F)



12-Digit Tilt Display Kick Stand L-DISPLAY 2-KEY ROLL-OVER ±TAX

**EL-2125C**

- Power source: Twin power (Solar cell & LR44 x 1)
- Dimensions: 140 (W) x 195 (D) x 22.5 (H) mm
- Weight: Approx. 206 g



12-Digit Tilt Display L-DISPLAY 3-Rate Converter 2-KEY ROLL-OVER RESUME ANSWER CHECK ±TAX DAYDATE

**NICE SIZE**

**EL-364(SL/BK/RD)**

- Simple and stylish design
- Low-noise keyboard
- Power source: Twin power (Solar cell & CR2025 x 1)
- Dimensions: 110 (W) x 177 (D) x 17.5 (H) mm
- Weight: Approx. 150 g



12-Digit Kick Stand L-DISPLAY 2-KEY ROLL-OVER ANSWER CHECK ±TAX

**EL-387V**

- Power source: Twin power (Solar cell & LR44 x 1)
- Dimensions: 112 (W) x 185 (D) x 26.5 (H) mm
- Weight: Approx. 195 g



12-Digit Tilt Display L-DISPLAY 2-KEY ROLL-OVER Kick Stand RESUME PLUS ANSWER CHECK ±TAX DAYDATE Unified Design Series

**EL-337C**

- Power source: Twin power (Solar cell & LR44 x 1)
- Dimensions: 108 (W) x 175 (D) x 22 (H) mm
- Weight: Approx. 165 g



12-Digit Tilt Display L-DISPLAY 3-Rate Converter 2-KEY ROLL-OVER ANSWER CHECK ±TAX

**EL-421M**

- Power source: Twin power (Solar cell & LR44 x 1)
- Dimensions: 108 (W) x 170 (D) x 15 (H) mm
- Weight: Approx. 160 g



14-Digit Kick Stand L-DISPLAY 2-KEY ROLL-OVER RESUME ±TAX

**EL-334F**

- Power source: Twin power (Solar cell & LR44 x 1)
- Dimensions: 108 (W) x 170 (D) x 15 (H) mm
- Weight: Approx. 160 g



10-Digit Kick Stand L-DISPLAY 2-KEY ROLL-OVER Easy Hold ±TAX

**NICE SIZE**

**EL-145A**

- Power source: Twin power (Solar cell & LR44 x 1)
- Dimensions: 110 (W) x 168 (D) x 15 (H) mm
- Weight: Approx. 160 g



14-Digit Tilt Display L-DISPLAY Easy Hold 2-KEY ROLL-OVER ±TAX

**EL-125A**

- Power source: Twin power (Solar cell & LR44 x 1)
- Dimensions: 110 (W) x 168 (D) x 15 (H) mm
- Weight: Approx. 160 g



12-Digit Tilt Display L-DISPLAY Easy Hold 2-KEY ROLL-OVER ±TAX

**MINI NICE SIZE**

**EL-M812(RD/BL/YR/GR)**

- Power source: Twin power (Solar cell & CR2032 x 1)
- Dimensions: 100 (W) x 152 (D) x 33 (H) mm
- Weight: Approx. 132 g



12-Digit Slant Display L-DISPLAY Rate Converter 2-KEY ROLL-OVER ±TAX

**EL-M332(BL/WH/PK/YL)**

- Power source: Twin power (Solar cell & CR2032 x 1)
- Dimensions: 100 (W) x 149.1 (D) x 27.2 (H) mm
- Weight: Approx. 119 g



10-Digit Slant Display L-DISPLAY Rate Converter 2-KEY ROLL-OVER ±TAX

**EL-331F, EL-330F**

- Power source: Twin power (Solar cell & CR2032 x 1)
- Dimensions: 102 (W) x 146.8 (D) x 31 (H) mm
- Weight: Approx. 96 g



10-Digit Slant Display (EL-331F) 8-Digit L-DISPLAY Easy Hold 2-KEY ROLL-OVER ±TAX

**EL-310A**

- Power source: Twin power (Solar cell & LR1130 x 1)
- Dimensions: 87 (W) x 116 (D) x 20 (H) mm
- Weight: Approx. 76 g



8-Digit Slant Display L-DISPLAY Easy Hold 2-KEY ROLL-OVER

**EL-M711G**

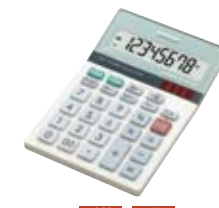
- Power source: Twin power (Solar cell & LR44 x 1)
- Dimensions: 100 (W) x 151.5 (D) x 33 (H) mm
- Weight: Approx. 130 g



10-Digit Slant Display L-DISPLAY Rate Converter 2-KEY ROLL-OVER ±TAX

**EL-M710G**

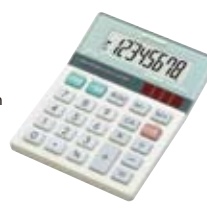
- Power source: Twin power (Solar cell & LR44 x 1)
- Dimensions: 100 (W) x 151.5 (D) x 33 (H) mm
- Weight: Approx. 130 g



8-Digit Slant Display L-DISPLAY Rate Converter 2-KEY ROLL-OVER ±TAX

**EL-M700G**

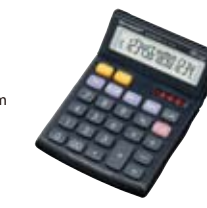
- Power source: Twin power (Solar cell & LR44 x 1)
- Dimensions: 87 (W) x 116.5 (D) x 28.5 (H) mm
- Weight: Approx. 85 g



8-Digit Slant Display L-DISPLAY 2-KEY ROLL-OVER ±TAX

**EL-144A**

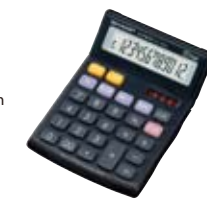
- Power source: Twin power (Solar cell & LR44 x 1)
- Dimensions: 102 (W) x 148 (D) x 15 (H) mm
- Weight: Approx. 125 g



14-Digit Tilt Display L-DISPLAY Easy Hold 2-KEY ROLL-OVER ±TAX

**EL-124A**

- Power source: Twin power (Solar cell & LR44 x 1)
- Dimensions: 102 (W) x 148 (D) x 15 (H) mm
- Weight: Approx. 125 g

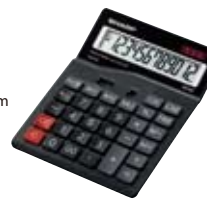


12-Digit Tilt Display L-DISPLAY Easy Hold 2-KEY ROLL-OVER ±TAX

**CH SERIES**

**CH-612**

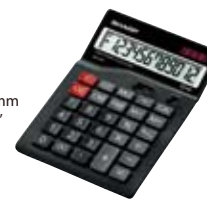
- Power source: Twin power (Solar cell & LR44 x 1)
- Dimensions: 140 (W) x 188.3 (D) x 45.8 (H) mm
- Weight: Approx. 212 g



12-Digit Slant Display L-DISPLAY Kick Stand 2-KEY ROLL-OVER

**CH-412**

- Power source: Twin power (Solar cell & LR44 x 1)
- Dimensions: 120 (W) x 173 (D) x 39.6 (H) mm
- Weight: Approx. 166 g



12-Digit Slant Display L-DISPLAY Kick Stand 2-KEY ROLL-OVER

**CH-312**

- Power source: Twin power (Solar cell & LR1130 x 1)
- Dimensions: 104 (W) x 135.4 (D) x 28.5 (H) mm
- Weight: Approx. 105 g

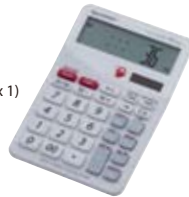


12-Digit Slant Display L-DISPLAY Kick Stand 2-KEY ROLL-OVER

## BRAIN EXERCISER

### EL-T100W

- Maths quiz feature
- Brain fitness measurement
- Power source: Twin power (Solar cell & CR2032 x 1)
- Dimensions: 100 (W) x 149.1 (D) x 27.2 (H) mm
- 3-15/16" x 5-7/8" x 1-1/16"
- Weight: Approx. 119 g



## Brain-Exercising Drills with Brain Fitness Measuring Function

### ◆ Example problem:

$$\begin{array}{r} 100 \\ \times 12 \\ \hline \end{array}$$

### ◆ Score:

$$\begin{array}{r} 100 \\ \times 120 \\ \hline \end{array}$$

### ◆ Brain age:

$$\begin{array}{r} Y \\ \times 30 \\ \hline \end{array}$$

You can measure your brain fitness level, based on the results of 50 simple calculations. Note that brain fitness level is measured by comparison to statistical results based on real performance data. This product is not a medical device.

### Simple arithmetic will keep your brain fit

Typical age-related declines in brain functioning can be prevented by regular mental exercise. Research\* has shown that use of maths drills like those in this product can enhance brain functioning.

\* Kawashima, R. et al (2004), A functional MRI study of simple arithmetic—A comparison between children and adults, *Cognitive Brain Research*, 18, pp 225-238.



## Eco Concept Calculators

### EL-R277

- 100% recycled cabinet\*
- 100% solar powered
- Power source: Solar cell only
- Dimensions: 70 (W) x 117 (D) x 21 (H) mm
- 2-3/4" x 4-19/32" x 13/16"
- Weight: Approx. 57.5 g



\*Post-consumer recycled plastic

### EL-R287

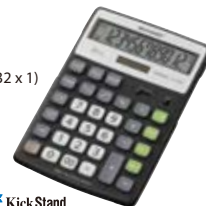
- 100% recycled cabinet\*
- Power source: Twin power (Solar cell & CR2032 x 1)
- Dimensions: 108 (W) x 170 (D) x 15 (H) mm
- 4-1/4" x 6-11/16" x 19/32"
- Weight: Approx. 160 g



\*Post-consumer recycled plastic

### EL-R297

- 100% recycled cabinet\*
- Power source: Twin power (Solar cell & CR2032 x 1)
- Dimensions: 133 (W) x 200 (D) x 18 (H) mm
- 5-1/4" x 7-7/8" x 23/32"
- Weight: Approx. 230 g



\*Post-consumer recycled plastic

## Super Check & Correct

### SEMI-DESKTOP



### EL-792C

- Power source: Twin power (Solar cell & CR2032 x 1)
- Dimensions: 130 (W) x 209 (D) x 21 (H) mm
- 5-1/8" x 8-7/32" x 13/16"
- Weight: Approx. 220 g



### NICE SIZE



### EL-782C, EL-782CW

- Power source: Twin power (Solar cell & CR2032 x 1)
- Dimensions: 106 (W) x 177 (D) x 19 (H) mm
- 4-3/16" x 6-31/32" x 3/4"
- Weight: Approx. 160 g



\*EL-782C only

### MINI NICE SIZE



### EL-771C, EL-771CW

- Power source: Twin power (Solar cell & CR2032 x 1)
- Dimensions: 115 (W) x 144 (D) x 39 (H) mm
- 4-17/32" x 5-21/32" x 1-17/32"
- Weight: Approx. 125 g



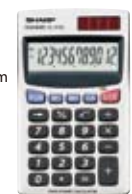
\*EL-771C only \*EL-771CW only

## Personal Calculators

### WALLET/HAND-HELD

### EL-379S

- Power source: Twin power (Solar cell & LR1130 x 1)
- Dimensions: 70 (W) x 117 (D) x 8 (H) mm
- 2-3/4" x 4-19/32" x 5/16"
- Weight: Approx. 47 g



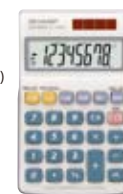
### EL-W200G

- Power source: Twin power (Solar cell & CR2016 x 1)
- Dimensions: 60 (W) x 105 (D) x 8.1 (H) mm
- 2-3/8" x 4-1/8" x 5/16"
- Weight: Approx. 43 g



### EL-250S

- Protective display cover
- Power source: Twin power (Solar cell & LR1130 x 1)
- Dimensions: 71 (W) x 116 (D) x 16.5 (H) mm
- 2-25/32" x 4-9/16" x 21/32"
- Weight: Approx. 58 g



### EL-240SA

- Protective display cover
- Power source: Twin power (Solar cell & LR1130 x 1)
- Dimensions: 71 (W) x 116 (D) x 16.5 (H) mm
- 2-25/32" x 4-9/16" x 21/32"
- Weight: Approx. 58 g



### EL-231L

- Power source: R6 (AA) x 1
- Dimensions: 69 (W) x 115.5 (D) x 20.5 (H) mm
- 2-23/32" x 4-9/16" x 13/16"
- Weight: Approx. 68 g



### EL-233S

- Power source: LR1130 x 1
- Dimensions: 60 (W) x 103 (D) x 8.3 (H) mm
- 2-3/8" x 4-1/16" x 5/16"
- Weight: Approx. 35 g



## WALLET/HAND-HELD

### EL-480SR

- Power source: Twin power (Solar cell & LR1130 x 1)
- Dimensions: 69 (W) x 119 (D) x 6.6 (H) mm
- 2-23/32" x 4-11/16" x 1/4"
- Weight: Approx. 63 g (excluding wallet)



### EL-344R

- Power source: Twin power (Solar cell & LR1130 x 1)
- Dimensions: 69 (W) x 119 (D) x 6.6 (H) mm
- 2-23/32" x 4-11/16" x 1/4"
- Weight: Approx. 63 g (excluding wallet)



### EL-W211G

- Power source: Twin power (Solar cell & CR2016 x 1)
- Dimensions: 70 (W) x 117 (D) x 8.1 (H) mm
- 2-3/4" x 4-19/32" x 5/16"
- Weight: Approx. 52 g



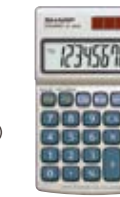
### EL-327S

- Power source: Twin power (Solar cell & LR1130 x 1)
- Dimensions: 69 (W) x 115 (D) x 6.5 (H) mm
- 2-23/32" x 4-17/32" x 1/4"
- Weight: Approx. 59 g (excluding wallet)



### EL-326S

- Power source: Twin power (Solar cell & LR1130 x 1)
- Dimensions: 69 (W) x 115 (D) x 6.5 (H) mm
- 2-23/32" x 4-17/32" x 1/4"
- Weight: Approx. 59 g (excluding wallet)



## HARD COVER

### EL-376S

- Power source: Twin power (Solar cell & LR1130 x 1)
- Dimensions (closed): 72 (W) x 115 (D) x 12 (H) mm
- 2-13/16" x 4-17/32" x 15/32"
- Weight: Approx. 66 g



### EL-243S

- Power source: Twin power (Solar cell & LR1130 x 1)
- Dimensions (closed): 64 (W) x 105 (D) x 11 (H) mm
- 2-1/2" x 4-5/32" x 7/16"
- Weight: Approx. 51 g



## HAND-HELD/HARD COVER

### EL-143S

- Power source: Twin power (Solar cell & LR1130 x 1)
- Dimensions (closed): 72 (W) x 115 (D) x 12 (H) mm
- 2-27/32" x 4-17/32" x 15/32"
- Weight: Approx. 66 g



### EL-123S

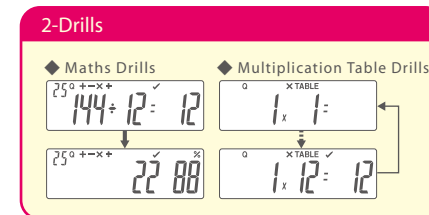
- Power source: Twin power (Solar cell & LR1130 x 1)
- Dimensions (closed): 72 (W) x 115 (D) x 12 (H) mm
- 2-27/32" x 4-17/32" x 15/32"
- Weight: Approx. 66 g



## Kids' Calculators

### EL-S50

- 2-Drills
- Power source: CR2032 x 1
- Dimensions: 87 (W) x 116.5 (D) x 28.5 (H) mm
- 3-7/16" x 4-19/32" x 1-1/8"
- Weight: Approx. 81 g



### EL-S10(PK/BL)

- Power source: LR1130 x 1
- Dimensions: 70 (W) x 107 (D) x 10.5 (H) mm (Closed)
- 2-3/4" x 4-7/32" x 13/32"
- Weight: Approx. 52 g

