

GRAPHIC CALCULATORS

Flexible, advanced and easy to use

Reversible Keyboard

The Reversible Keyboard gives you a 2-in-1 Graphing Calculator. Keys for basic functions are on one side, while keys for advanced functions are on the other. Functions appearing on the menu display differ depending on which side of the keyboard is being used. The Reversible Keyboard saves you from having to get two separate models for different levels.

Advanced Keyboard Side

(includes all the functions of the Basic Keyboard)

Examples of Functions

Scientific Graphing

Graphs can be drawn in one of 4 modes: by rectangular coordinates, by polar coordinates, by parameters, or by sequences. The Split Screen makes it easy to analyse the relationship between a graph and a table.

$$Y1 = X^2 - 3X^2 - 3X + 3$$

$$Y2 =$$

$$Y3 =$$

$$Y4 =$$

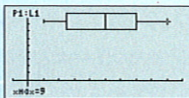
$$Y5 =$$

$$Y6 =$$

X	Y1
0.75	-0.5156
0.9375	-1.6152
1.125	-2.7148
1.3125	-3.8144
1.5	-4.9140
1.6875	-5.0

Statistics/Regression

Data can be easily input and revised in tabular form. You can also draw a variety of graphs, such as statistical graphs (9 types) and regression graphs (14 types), which are useful for analysing data.



$$R_1: x^2$$

$$y = ax^2 + bx + c$$

$$a = -0.778251599$$

$$b = 3.881663115$$

$$c = -1.584264392$$

$$R^2 = 0.471256355$$

Statistical graphs

- Histogram
- Broken line plot
- Normal probability plot
- Normal distribution plot
- Box plot/Modified box plot
- Pie chart
- Scatter diagram
- XY line

Regression graphs

- Linear regression (ax+b & a+bx)
- Quadratic/Cubic/Quartic regression
- Natural/Common logarithm regression
- Exponential regression/Euler exponential regression
- Reciprocal regression
- Power regression
- Med-Med regression
- Logistic regression
- Sine regression

Basic Keyboard Side

Examples of Functions

Fraction Study

Includes a function for simplifying fractions. Finds common divisor either automatically or manually, leading to more effective learning.

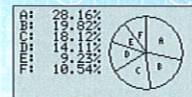
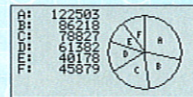
$$\frac{1}{12} + \frac{5}{12} = \frac{6}{12}$$

$$\text{Simp } 6 \quad \frac{6}{12}$$

$$\text{Factor} = \frac{1}{2}$$

Pie Chart

Using a pie chart makes it easy to compare each part to the whole. The data can be displayed either as raw numbers or as percentages of the whole.



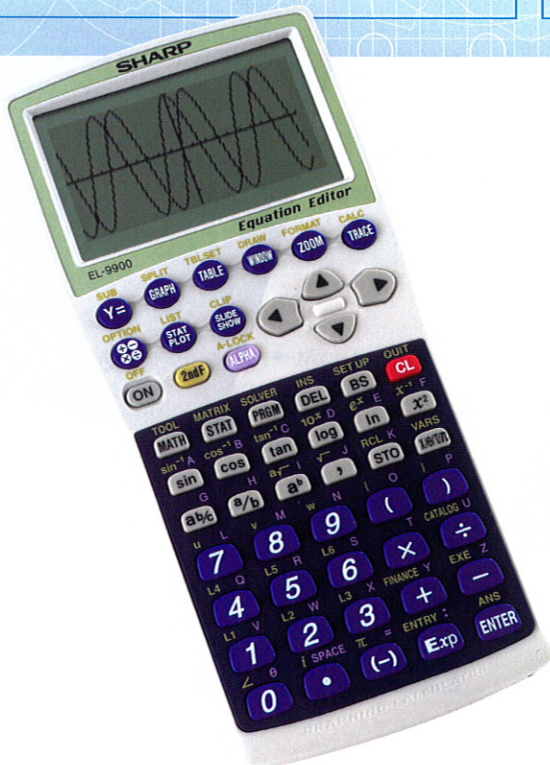
Remainder Calculation

Using the key allows the user to calculate quotients and remainders easily.

$$7 \text{ int } 3$$

$$\text{Quotient} : 2$$

$$\text{Remainder} : 1$$

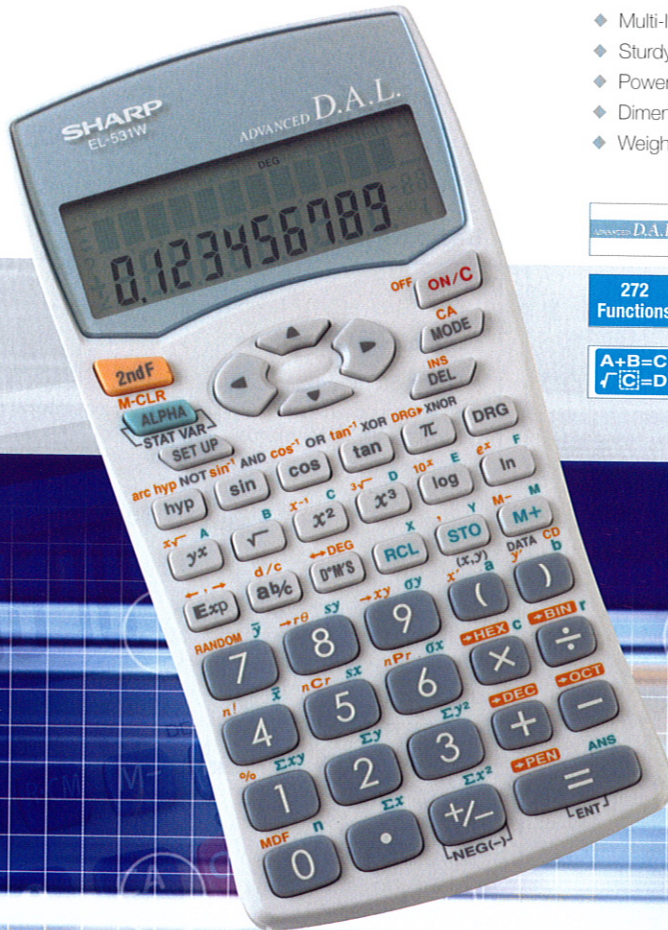


EL-9900

- ◆ Reversible keyboard: basic & advanced
- ◆ Graphics capability
- ◆ Slide show feature
- ◆ Solver function ◆ Matrix function
- ◆ Power source: R03 (AAA) x 4 (Main), CR2032 x 1 (Backup)
- ◆ Dimensions: 86 (W) x 183 (D) x 23 (H) mm
- ◆ Weight: Approx. 240 g

132 x 64 Dot Matrix	64KB	$x + \sqrt{\frac{1}{x}}$	
827 Functions			

EL-531WB/WBBL/WGBBK



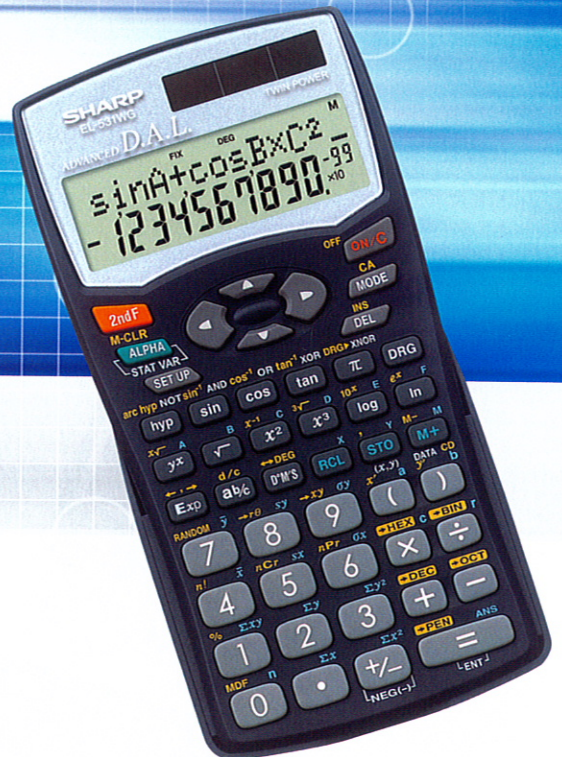
EL-531WB

- ◆ Constant/chain calculations
- ◆ Multi-line playback
- ◆ Sturdy design, with protective hard case
- ◆ Power source: R6 (AA) x 1
- ◆ Dimensions: 79.6 (W) x 154.5 (D) x 18.2 (H) mm
- ◆ Weight: Approx. 110 g

ADVANCED D.A.L.	Upper: 12-Digit Lower: 10+2-Digit	3-DIGIT PUNCTUATION	2-KEY ROLL-OVER	
272 Functions	D.A.L.	2-Line		$a \pm k = x$ $b \pm k = y$ $c \pm k = z$
$A+B=C$ $\sqrt{C}=D$	P	AA Battery		



EL-531WBBL

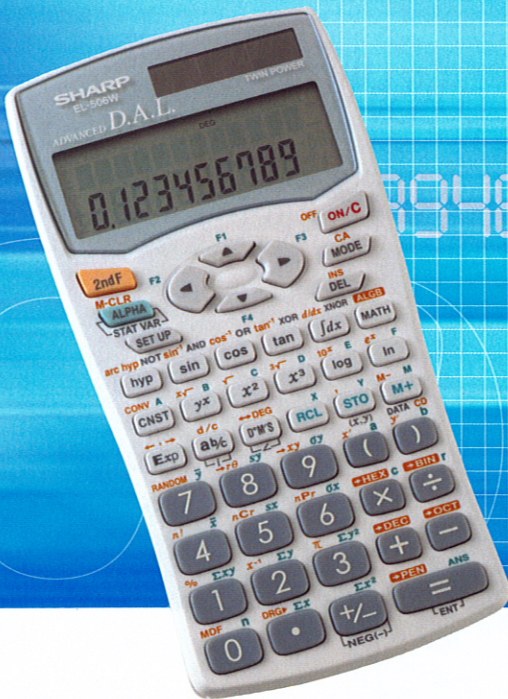
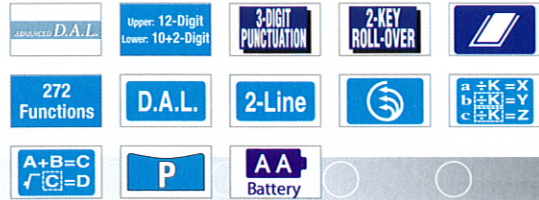


EL-531WGBBK



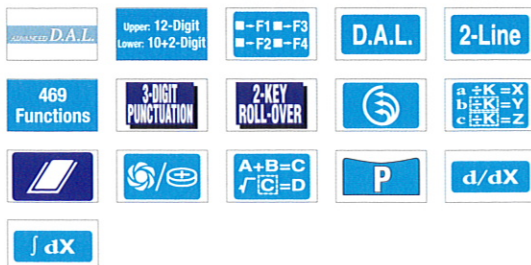
EL-530VB

- ◆ Constant/chain calculations
- ◆ Multi-line playback
- ◆ Sturdy design, with protective hard case
- ◆ Power source: LR44 x 2
- ◆ Dimensions: 78.6 (W) x 144 (D) x 10.5 (H) mm
- ◆ Weight: Approx. 68 g



EL-506WB

- ◆ Constant/chain calculations
- ◆ Multi-line playback
- ◆ Solver function ◆ List calculations ◆ Matrix function
- ◆ Sturdy design, with protective hard case
- ◆ Power source: Twin power (Solar & LR44 x 2)
- ◆ Dimensions: 79.6 (W) x 154.5 (D) x 13.2 (H) mm
- ◆ Weight: Approx. 97 g



EL-520WB

- ◆ Constant/chain calculations
- ◆ Multi-line playback
- ◆ Solver function
- ◆ Sturdy design, with protective hard case
- ◆ Power source: Twin power (Solar & LR44 x 2)
- ◆ Dimensions: 79.6 (W) x 154.5 (D) x 13.2 (H) mm
- ◆ Weight: Approx. 97 g





EL-240SAB

- ◆ Protective display cover
- ◆ Power source: Twin power (Solar cell & LR1130 x 1)
- ◆ Dimensions: 71 (W) x 116 (D) x 16.5 (H) mm
- ◆ Weight: Approx. 58 g

8 Digit	Last Answer	3-DIGIT PUNCTUATION	L DISPLAY
Slant Display		P	



EL-W200GB

- ◆ Power source: Twin power (Solar cell & CR2016 x 1)
- ◆ Dimensions: 60 (W) x 105 (D) x 8.1 (H) mm
- ◆ Weight: Approx. 45 g

8 Digit	3-DIGIT PUNCTUATION	2-KEY ROLL-OVER	L DISPLAY
	P	Rate Converter	



EL-W211GB

- ◆ Power source: Twin power (Solar cell & CR2016 x 1)
- ◆ Dimensions: 70 (W) x 117 (D) x 8.1 (H) mm
- ◆ Weight: Approx. 56 g

10 Digit	3-DIGIT PUNCTUATION	2-KEY ROLL-OVER	L DISPLAY
±TAX		P	

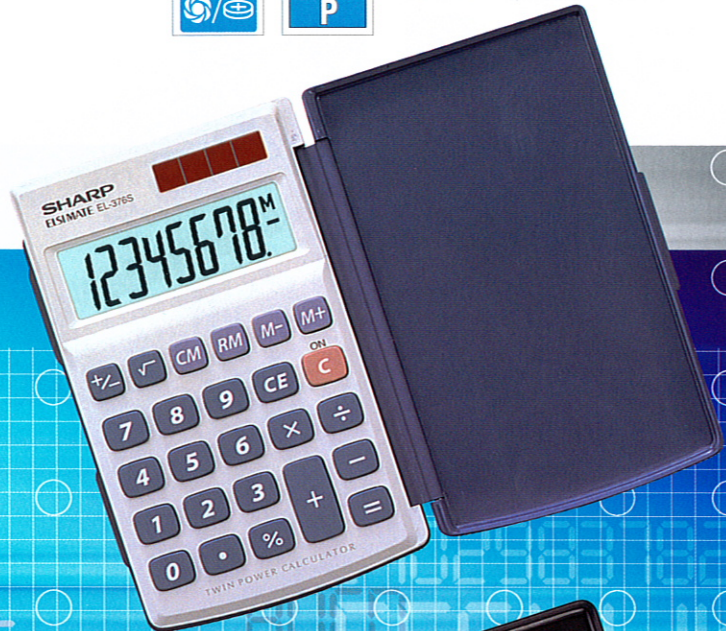
EL-326EB

- ◆ Power source: Twin power (Solar cell & LR1130 x 1)
- ◆ Dimensions: 69 (W) x 115 (D) x 6.5 (H) mm
- ◆ Weight: Approx. 59 g (excluding wallet)



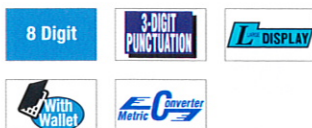
EL-376SB

- ◆ Power source: Twin power (Solar cell & LR1130 x 1)
- ◆ Dimensions: 72 (W) x 115 (D) x 12 (H) mm (closed)
- ◆ Weight: Approx. 66 g (including protective hard cover)



EL-344GBSL

- ◆ Power source: Solar 50 Lux
- ◆ Dimensions: 70 (W) x 122 (D) x 5.9 (H) mm
- ◆ Weight: Approx. 80 g (including wallet)



EL-480SRB

- ◆ Power source: Twin power (Solar cell & LR1130 x 1)
- ◆ Dimensions: 69 (W) x 119 (D) x 7.1 (H) mm
- ◆ Weight: Approx. 65 g (including wallet)



EL-M710GB

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



CS-2122H

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



EL-330ERB

- ◆ Power source: Twin power (Solar cell & LR44 x 1)
- ◆ Euro conversion
- ◆ Dimensions: 100 (W) x 151.5 (D) x 33 (H) mm
- ◆ Weight: Approx. 125 g



EL-331ERB

- ◆ Power source: Twin power (Solar cell & LR44 x 1)
- ◆ Euro conversion
- ◆ Dimensions: 100 (W) x 151.5 (D) x 33 (H) mm
- ◆ Weight: Approx. 125 g



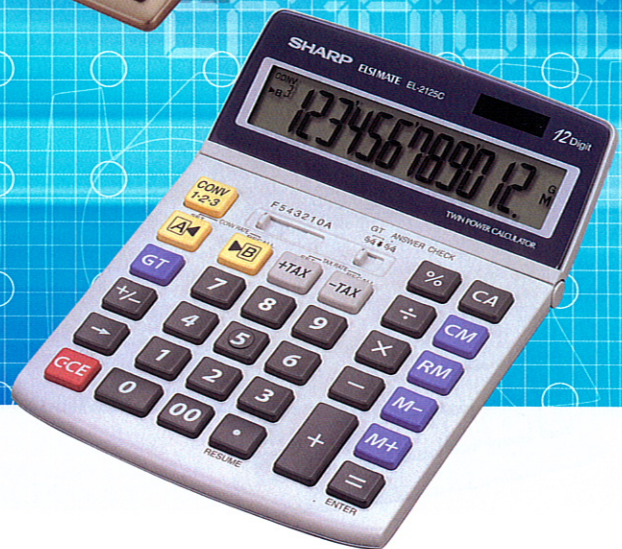
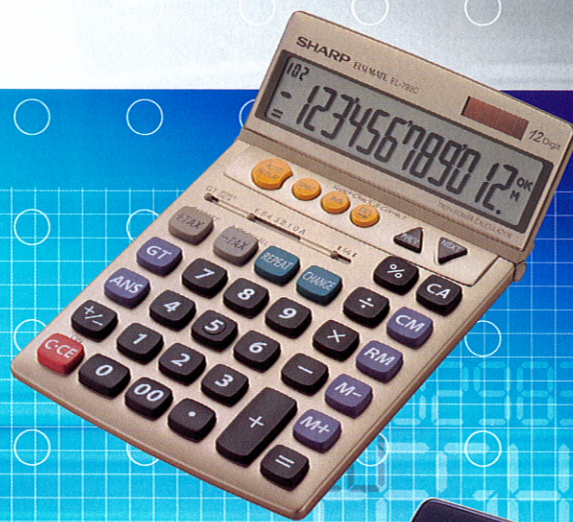
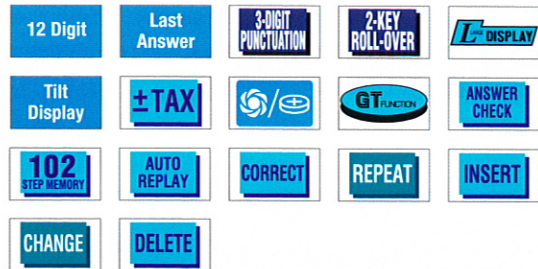
EL-334FB

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



EL-792C

- ◆ Power source: Twin power (Solar cell & CR2032 x 1)
- ◆ Dimensions: 130 (W) x 209 (D) x 21 (H) mm
- ◆ Weight: Approx. 220 g



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



EL-2125C

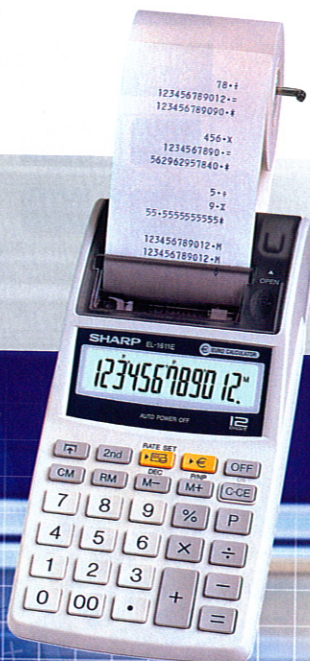
- ◆ Power source: Twin power (Solar cell & LR44 x 1)
- ◆ Dimensions: 140 (W) x 195 (D) x 22.5 (H) mm
- ◆ Weight: Approx. 215 g



EL-1611E

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

12 Digit



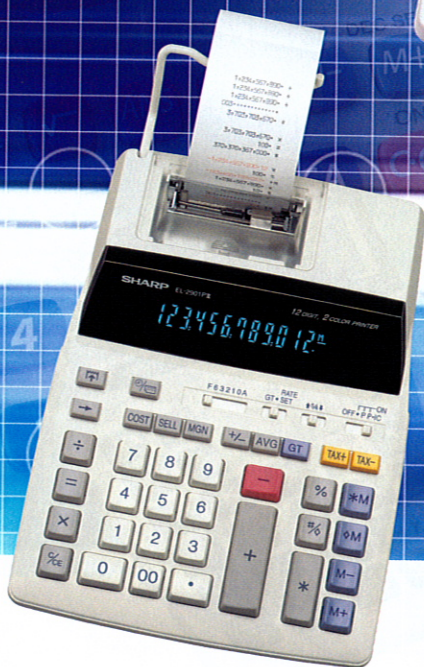
EL-1801E

- ◆ Printing speed: 2.1 lines/sec.
- ◆ Power source: DC/AC (AA x 4, AC adaptor optional)
- ◆ Dimensions: 170 (W) x 231 (D) x 57.5 (H) mm
- ◆ Weight: Approx. 580 g

12 Digit



2-Colour Print



EL-2901PIII

- ◆ Printing speed: 2.1 lines/sec.
- ◆ Power source: AC only
- ◆ Dimensions: 193 (W) x 256 (D) x 62.5 (H) mm
- ◆ Weight: Approx. 1kg

12 Digit



2-Colour Print

EL-1607P

- ◆ Printing speed: 3.0 lines/sec.
- ◆ Power source: AC only
- ◆ Dimensions: 220 (W) x 303 (D) x 71.5 (H) mm
- ◆ Weight: Approx. 1.3kg

12 Digit



2-Colour Print



EL-2607P

- ◆ Printing speed: Approx. 4.3 lines/sec.
- ◆ Power source: AC only
- ◆ Dimensions: 222 (W) x 327 (D) x 78 (H) mm
- ◆ Weight: Approx. 1.9kg

12 Digit

±TAX

L-DISPLAY

2-Colour Print

GT-FUNCTION

AVG



CS-2194H

- ◆ Printing speed: 4.3 lines/sec.
- ◆ Power source: AC only
- ◆ Dimensions: 250 (W) x 345 (D) x 78 (H) mm
- ◆ Weight: Approx. 2kg

12 Digit

12-Memory

L-DISPLAY

±TAX

GT-FUNCTION

2-Colour Print



CS-4194H

- ◆ Printing speed: 4.3 lines/sec.
- ◆ Power source: AC only
- ◆ Dimensions: 250 (W) x 345 (D) x 78 (H) mm
- ◆ Weight: Approx. 2kg

14 Digit

L-DISPLAY

±TAX

GT-FUNCTION

2-Memory

2-Colour Print

ELECTRONIC DICTIONARIES

All the word power you need.

Included Dictionaries

Oxford Dictionary of English

Based on Oxford's vast corpus of contemporary English, the ODE has been fully revised to give the most authoritative, up-to-date picture of English today. Comprising 355,000 words, phrases, and definitions – including 3,000 new words and senses, 73,000 scientific and technical words and senses, 68,000 examples, and 12,000 encyclopedic entries – the ODE puts a goldmine of knowledge at your fingertips.

New Oxford Thesaurus of English

The NOTE presents 600,000 alternative and opposite words, with example phrases to convey meanings. Along with synonyms and antonyms, it also lists related words and provides explanations of often-confused words.

A vital tool for all those who care about making their language more varied, interesting, and precise.

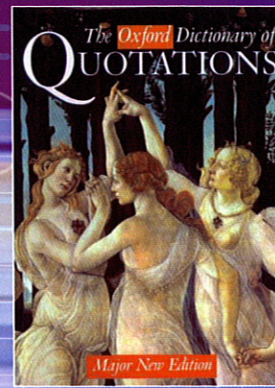
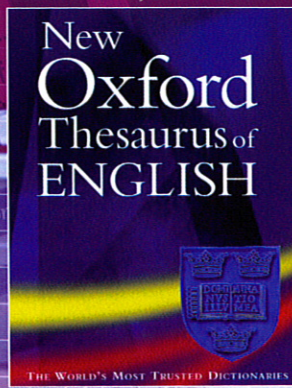
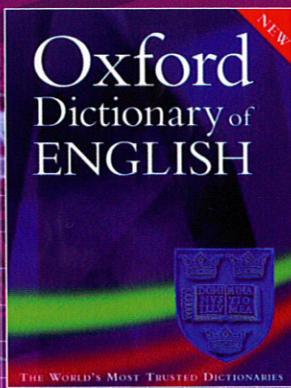
N.B. Image above shows the second edition of the NOTE, included in the PW-E500A.

The Oxford Dictionary of Quotations

The ODQ* is Oxford's largest quotations dictionary, with over 20,000 quotations from books, films, newspapers, and speeches.

The ODQ contains comprehensively indexed quotations from around 3,000 historical figures, including authors, politicians, scientists, and artists. Whether you're writing an essay or preparing a speech or presentation, this is one resource you can't afford to be without.

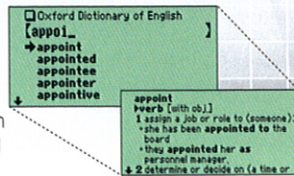
* The Oxford Dictionary of Quotations is included in the PW-E500A model only.



Convenient Functions

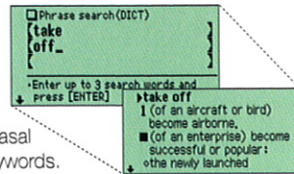
Filter Search

As you are typing in a word to search, a list of potential target words appears on-screen. You can find your target or compound word faster, with fewer keystrokes.



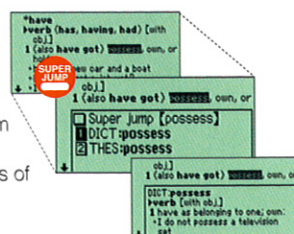
Phrase Search

With the PW-E series e-dictionaries, you aren't limited to searching only for single-word entries. Using the Phrase Search, you can search for idioms and phrasal verbs by specifying up to three keywords.



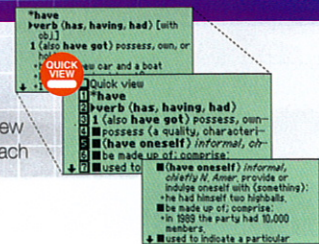
Super Jump

This function lets you jump directly from the definition of one word to the definition of another. Super Jump returns matching entries from both the Oxford Dictionary of English and New Oxford Thesaurus of English databases.



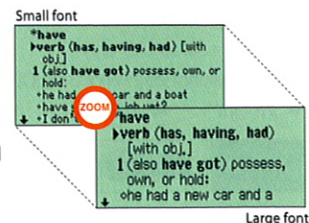
Quick View

Many dictionary entries have multiple definitions. The Quick View feature displays the first line of each definition, giving you an easy-to-browse summary.



Zoom Key

With the Zoom key, you can maximise either readability or quantity of information on the display. A single keystroke changes the character size from the default 12-dot to 9-dot vertical pixel resolution.

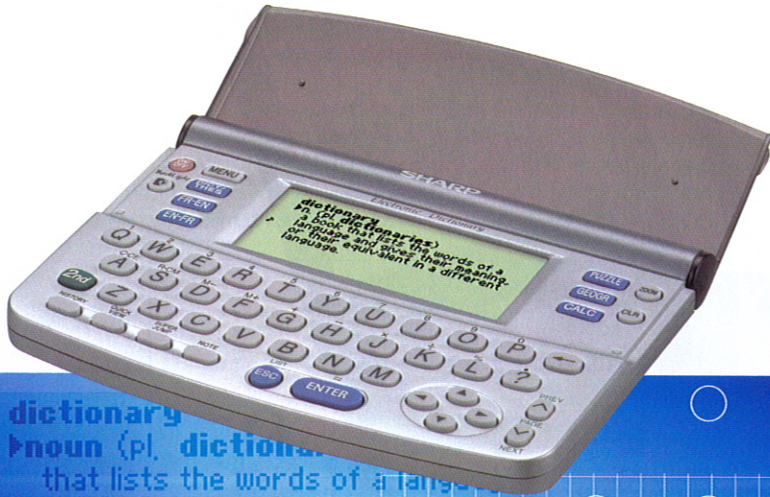


- ◆ Crossword Solver
- ◆ Anagram Solver
- ◆ Spellcheck Function
- ◆ Converter Function
- ◆ History Function

PW-E260

- ◆ Oxford English Mini Dictionary
- ◆ Oxford English Mini Thesaurus
- ◆ Oxford-Hachette English – French, French – English Dictionary
- ◆ Oxford Essential Geographical Dictionary
- ◆ Essential Guide for Puzzle Solvers
- ◆ Calculator
- ◆ Power source: LR03 (AAA) x 1
- ◆ Dimensions: 125 (W) x 79.4 (D) x 16.8 (H) mm
- ◆ Weight: Approx. 148 g

BackLight



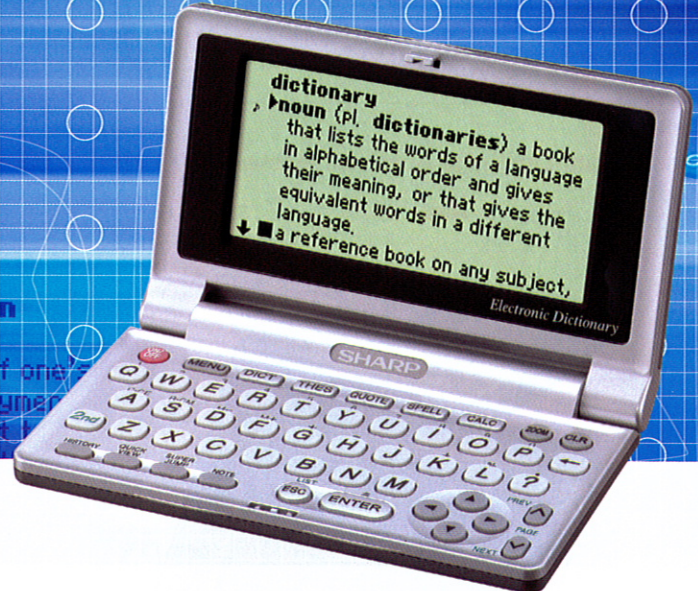
dictionary
 noun (pl. dictionaries)
 that lists the words of a language in alphabetical order and gives their meaning, or that gives the equivalent words in a different language.
 a reference book on any subject,



PW-E300

- ◆ Oxford Dictionary of English
- ◆ Oxford Thesaurus of English
- ◆ Oxford Dictionary of English – Spellchecker
- ◆ Currency and Metric converter
- ◆ Calculator
- ◆ Power source: LR03 (AAA) x 1
- ◆ Dimensions: 125 (W) x 79.4 (D) x 16.8 (H) mm
- ◆ Weight: Approx. 148 g

159 dots
by
80 dots



PW-E500A

- ◆ Oxford Dictionary of English
- ◆ Oxford Thesaurus of English
- ◆ Oxford Dictionary of Quotations
- ◆ Oxford Dictionary of English – Spellchecker
- ◆ Oxford Crossword Dictionary – Crossword Solver & Anagram Solver
- ◆ Oxford Puzzle Solver
- ◆ Currency and Metric converter
- ◆ Calculator
- ◆ Power source: LR03 (AAA) x 1
- ◆ Dimensions: 125 (W) x 79.4 (D) x 16.8 (H) mm
- ◆ Weight: Approx. 156 g

159 dots
by
80 dots

BackLight