

ELECTRONIC CALCULATORS



- SCIENTIFIC CALCULATORS
- PROFESSIONAL CALCULATOR
- PRACTICAL CALCULATORS
- PRINTING CALCULATORS
- LABEL PRINTERS

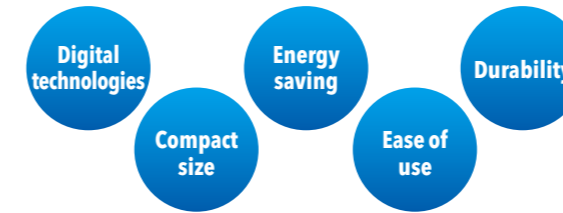
Over a half century of proven reliability and durability from more than one billion calculators

In 1957 CASIO created a sensation by introducing the Casio 14-A, the world's first all-electric compact calculator. More than a half century of continuous innovation since that time has resulted in a constant stream of hit products. A notable example is the Casio Mini, the world's first personal handheld calculator, which sold more than ten million units.

As a result, in 2006 cumulative unit sales of CASIO calculators passed the one billion milestone. People the world over choose CASIO calculators, the global standard for high performance, ease of use, and durability.

CASIO's ever-advancing core technologies

CASIO supports the intellectual and creative activities of people around the world with long-lasting products that can be used anywhere, anytime, and by anyone. To achieve this, CASIO uses a product development approach focused on constantly advancing its five core technologies.



Design in Pursuit of Functional Beauty

USABILITY

- A large, easy-to-read LCD
- Large, easy-to-use keys



NEW STYLE



An upscale design



Durability

History of CASIO Calculators

For more than half a century, CASIO has created numerous world-first products. The wellspring of this remarkable innovation is CASIO's unique approach to developing and making products, an approach inspired by our commitment to "Creativity and Contribution."



1957 ▶	1965 ▶	1967 ▶	1972 ▶	1983 ▶	1985 ▶	1995 ▶
Compact all-electric calculator Casio 14-A	Memory-equipped electronic desktop calculator 001	Programmable electronic desktop calculator AL-1000	Personal calculator Casio Mini	0.8mm thin credit card size calculator SL-800	Graphic scientific calculator fx-7000G	Graphic calculator with a three-colour display CFX-9800G

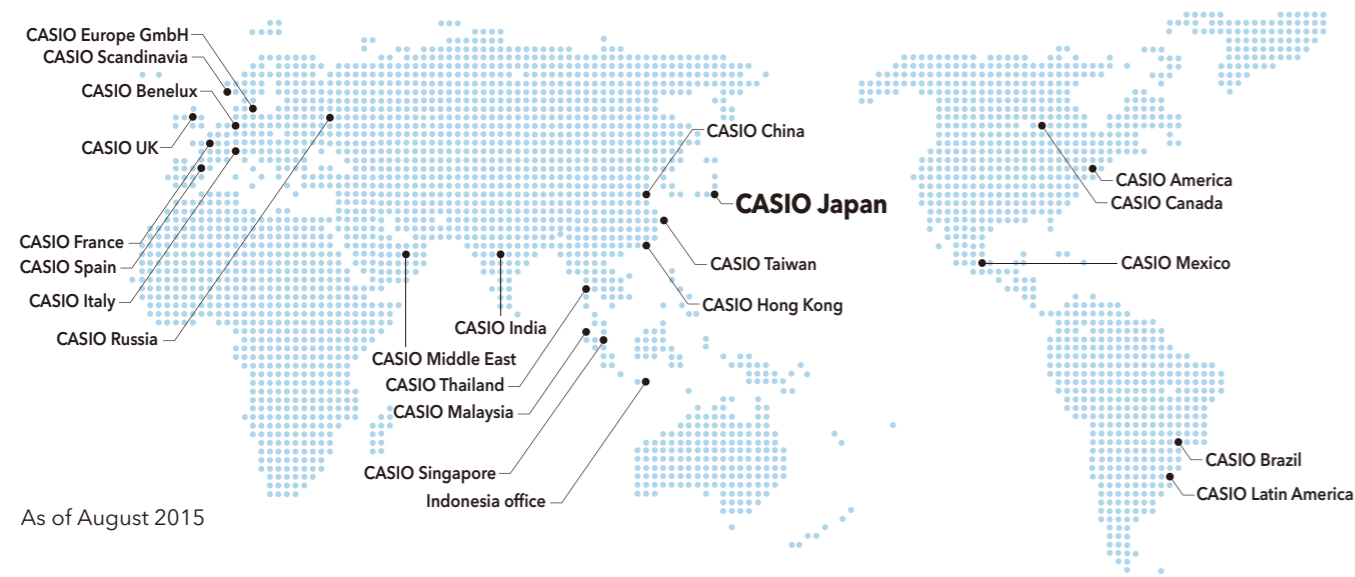
Cumulative worldwide calculator sales exceed one billion units.

40 years Sales Anniversary of Personal calculator since 1972

2006 ▶	2008 ▶	2010 ▶	2011 ▶	2012 ▶	2013 ▶	2014 ▶	2015 ▶
Scientific calculator with natural textbook display fx-991ES	Check calculator that incorporates the world's first localized number display DJ-120D	Dual Display calculator DV-220	Graphing calculator with colour display fx-CG20	Graphing calculator with CAS capability fx-CP400	Scientific calculator CLASSWIZ fx-991EX	Check calculator with 300 steps check & recheck functions DJ-120D Plus	

Worldwide distribution and service networks

CASIO partners with 122 subsidiary companies and distributors in 102 countries and has established regional service sites around the world to provide meticulous customer support from sales to after service.



Contributions to education

CASIO engages in school sales activities and contributes to the development of education around the world.

CASIO scientific calculators are used in schools all over the world. We not only sell scientific calculators, but also contribute to the development of mathematics education worldwide through a number of activities. For instance, we conduct workshops for teachers and students, prepare

instruction books, support mathematics societies, and conduct a project to promote the use of scientific calculators in school examinations. To develop scientific calculators optimized for classroom use, we solicit the opinions of teachers in various educational settings.



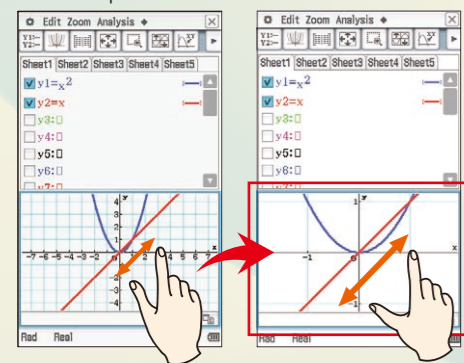
Support for educational institutions

Vivid Color Display and Touch Panel for Superb Usability

A top-of-the-line model that effectively supports the learning of functions

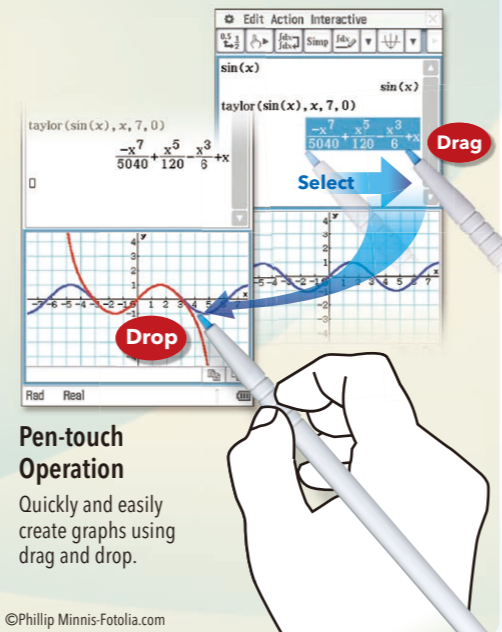
Pinch in/out

Intuitive pinch-in/pinch-out zoom operation makes it possible to adjust graphs to the desired display size. You can enlarge or reduce graphs without having to learn an additional operation.



Beautiful 4.8-inch color display

Formulas, graphs, and other graphics are sharp and clear. The display has resolution of 528 x 320 pixels (more than 65,000 colors), 4.4 times higher than ClassPad 330 PLUS.



Pen-touch Operation

Quickly and easily create graphs using drag and drop.

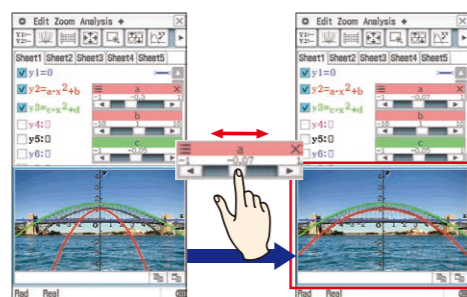
©Phillip Minnis-Fotolia.com



* Comes with snap-on hard case

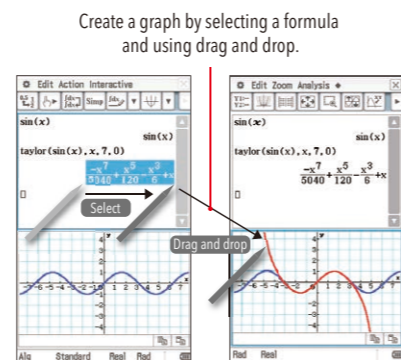
Equipped with sliders for finger-touch operation

The fx-CP400 has sliders that make possible finger-touch operation. Sliders are used to intuitively adjust parameters, and graphs change in response to slider movements. This feature enables users to visually understand the characteristics of mathematical formulas.



Large touch-panel color LCD for ease of viewing and operation

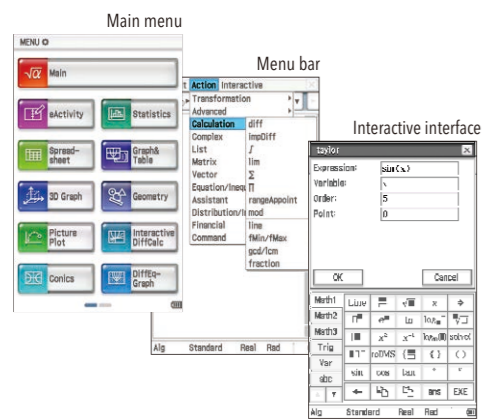
The fx-CP400 offers intuitive stylus touch-panel operation that eliminates complicated key operations. Graphically display mathematical formulas by simply dragging and dropping them into the graph area.



ClassPad II fx-CP400

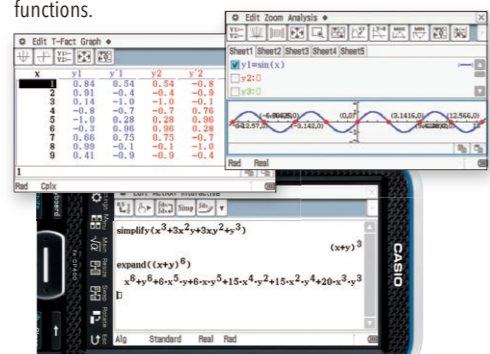
Simple interface

The fx-CP400 has simple, easy-to-understand menu icons, menu bars, and toolbars and an interactive interface.



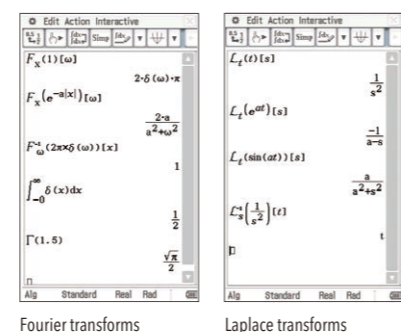
Supports horizontal screen view

Switch the display between an upright screen view and a horizontal screen view by simply touching an icon on the panel. Horizontal screen view is convenient for displaying a long formula on a single line and observing the characteristics of graphs of trigonometric and other functions.



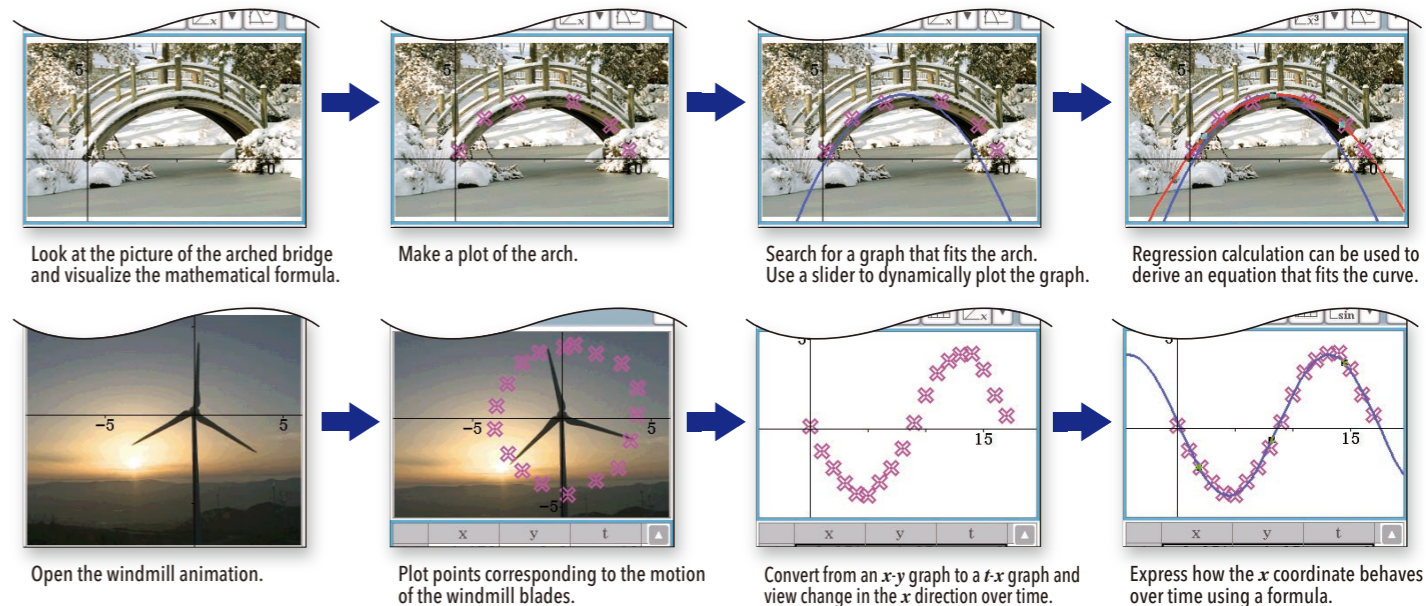
Computer Algebra System (CAS)

The CAS supports everything from Expand, Factor, Solve, and other basic commands to advanced commands like Fourier and Laplace transforms.



Picture Plot Single and multiple images make learning interesting and fun.

The calculator comes pre-loaded with visuals such as a single image (still image) of the curve of an arched bridge and multiple images (sequential images) of the rotation of windmill blades. The use of real-life visuals as background images for functions such as the drawing of graphs overlaid on color images makes mathematics learning a more visually familiar experience.



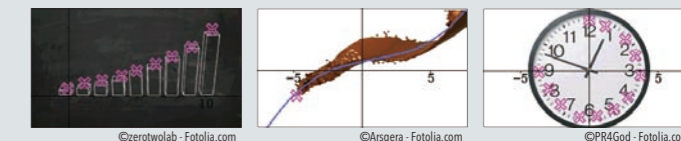
C2P files – Single images

Plotted C2P files can be used in Graph & Table, eActivity, Conics, Sequence, Picture Plot and Statistics.



C2B files – Multiple images

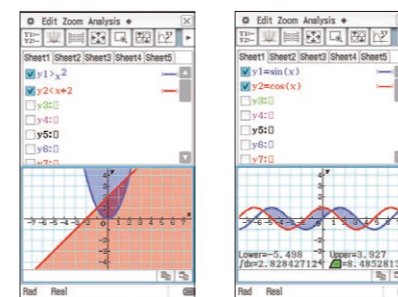
Plotted C2B files can be used in Picture Plot.



More than 50 pictures are pre-loaded on the fx-CP400!

Graphing function

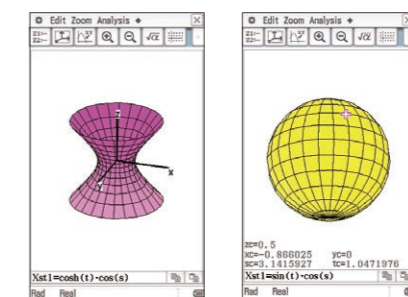
Display formulas and related graphs in the same color and highlight graph characteristics by displaying scale marks, grids, and coordinate values. The vivid color display of the fx-CP400 improves the visibility of graphs and formulas.



Area of inequality shading, grid lines, numbers on axes

3D Graph application

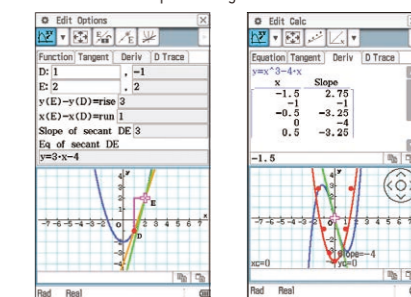
The 3D Graph application lets you draw rectangular coordinate graphs ($z=f(x, y)$) and parametric function graphs ($xst=f(s, t)$, $yst=f(s, t)$, $zst=f(s, t)$). The large color display facilitates understanding of hard-to-visualize 3D graphs.



Interactive Differential Calculus

Visual, intuitive operation makes it possible to learn the concept of hard-to-understand differentials.

- Learn that the secant line approaches the tangent line by causing Point D of the secant line to approach Point E.
- Learn the concept of differential functions by linking the points that define the slope of a tangent line.



Spreadsheet application

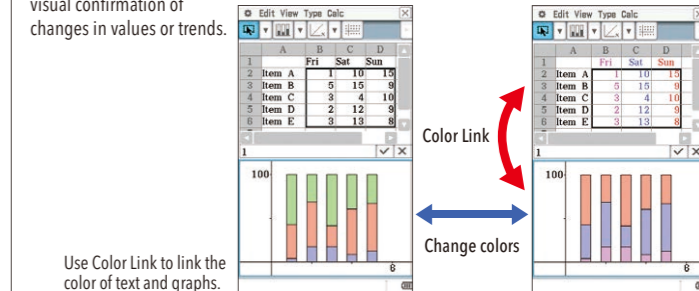
Collected data can be organized and tabulated for analysis after statistical graphing is complete. Spreadsheet data also can be used in table calculations. In addition, the fx-CP400 supports the following functions: search, sort, data import from and export to lists, matrices, and variables, CellFit, and Histogram/Box-whisker graphing.



Selection of two non-contiguous columns on a spreadsheet

Color Link

The fx-CP400 features the Color Link function, which automatically links colors specified on the spreadsheet screen with colors used in graphs to support learning of functions by enabling visual confirmation of changes in values or trends.

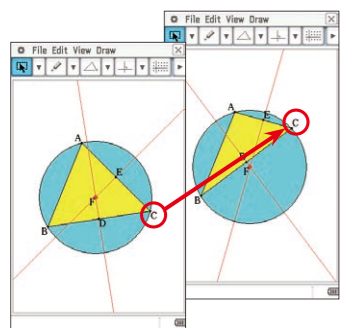


Use Color Link to link the color of text and graphs.

CAS GRAPHIC MODELS

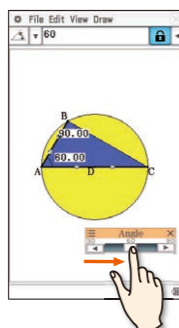
Geometry

Students can learn general theorems by drawing figures. Dropping a geometric figure into the Main application window will produce the numerical data for the figure. An Animation function enables students to move geometric figures drawn on the screen. The fx-CP400 supports drawing of conics using a focus.



Geometric graphing

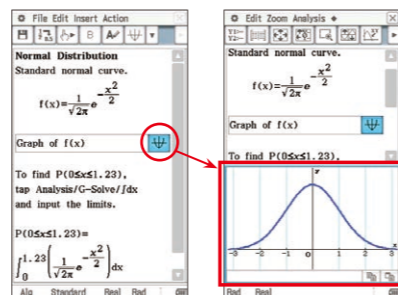
Slider interface
An intuitive user interface that can be operated with one finger



eActivity application

An eActivity is like a digital worksheet that can be created and worked with on the fx-CP400. All of the powerful features and capabilities of the fx-CP400 can be incorporated into an eActivity. In addition to performing the same calculations as the Main application, an eActivity will accept text entry, just like a word processor. Graphs, as well as Geometry and Spreadsheet data, can be stored in an eActivity file.

eActivity Data Download Center
eActivity files are available for download at the CASIO website.
<http://edu.casio.com/dl/>



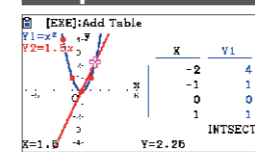
- Differential Equation Graph application
- Financial application

GRAPHIC MODELS

The innovative color display dramatically increases math learning efficiency.

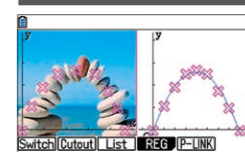
A color model that carries on the tradition of innovation in CASIO graphic scientific calculators!

Graphical color display!



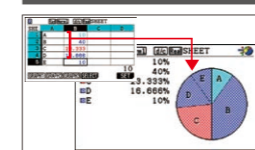
A color display with more than 65,000 colors
Vivid colors and smooth fonts for easily readable graphs and formulas!

Picture Plot



Create function graphs overlaid on color images!

Color Link



Automatically links colors of values on the spreadsheet screen with colors used in graphs!

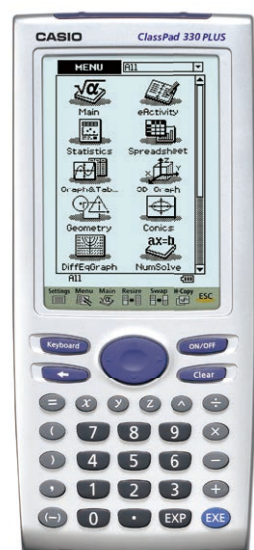
More than 50 pictures are pre-loaded on the fx-CG20!



- Color display (216 × 384 pixels)
- Natural textbook display
- Graphic functions
- eActivity
- Probability
- List-based statistics
- Advanced statistics
- Financial functions
- Mass storage function
- Built-in software (Spreadsheet, E-CON2)
- Add-in software (Geometry, Picture Plot, Conversion, Physium)



fx-CG20 * Comes with snap-on hard case

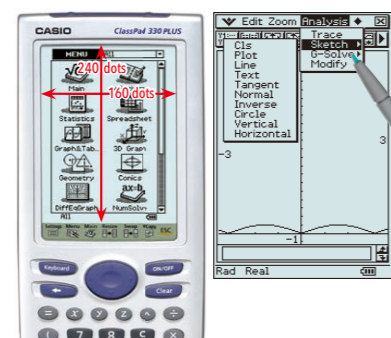


- 500 KB
- 10+3 DIGITS
- NATURAL TEXTBOOK
- ICON MENU
- List-based STAT
- DOT MATRIX
- Multi-replay
- 20 characters by 17 lines
- Plastic Keys

User-friendly Interface

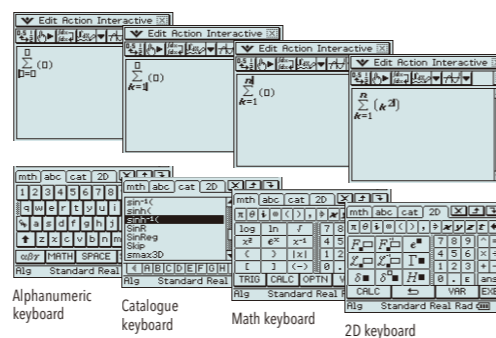
Pen-touch Operation

Intuitive stylus operation for entry of values and expressions, selection of menu commands, drag-and-drop copying of values and expressions, and much more. A large 240 × 160-dot LCD simplifies operation and displays more data per screen.



Natural Textbook Input and Output

Fractions, powers, and square roots, as well as high-level mathematical expressions such as log, Σ, ∫, d/dx, lim, matrices, F (Fourier transforms), and L (Laplace transforms), can be entered and displayed just as they appear in your textbook. An on-screen soft keyboard helps to simplify entry of complex expressions.



ClassPad 330 PLUS

ClassPad II fx-CP400 / ClassPad 330 PLUS Specifications

ALGEBRA

- CAS (Computer Algebra System)
- Algebra Assistant
- Fractions
- Transformation (simplify, expand, factor)
- Function graphing, polar, parametric and $x = f(y)$ equations
- Numeric evaluation of functions in tables
- Graph solve (root, max, intersection, inflection, distance)
- Conics graphs (Parabola, Circle, Ellipse, Hyperbola, General figure)
- Conics graph solve (Focus, Vertex, Directrix, Symmetry, Center, Radius)
- Recursive and explicit sequence numerical tables and plots
- Number base (base 2 (Bin), 8 (Oct), 10 (Dec) and 16 (Hex))
- Laplace transform, Fourier transform, Fast Fourier transform (FFT)

CALCULUS

- Hyperbolic
- Integration, Differential
- Differential equation
- Σ, ∏, lim
- Dirac Delta, Heaviside Unit Step, Gamma

STATISTICS

- Statistical plot (Scatter Plot, xyLine, Normal Probability Plot, Histogram, Box-whisker plot)
- Statistical regression graphs

GEOMETRY

eACTIVITY APPLICATION

HARDWARE

- Data communication (via USB and 3-pin cables)
- USB cable for connecting with PC
- 3-pin cable for connecting with other ClassPad unit or EA-200

OTHER USEFUL FEATURES

- Graphing function
- 3D Graph
- Drag & drop
- Natural format input of equations and expressions
- Natural format display of results
- Math, Alphabet, 2D soft keyboards
- Command catalogue soft keyboard
- Shift key configuration
- Calculation history
- Mantissa + exponent: 10 + 3
- Interactive manipulation for solving equations
- Differential equation graphs
- Numeric equation solver
- Financial calculations
- Icon menus
- Full screen display/Split screen display
- Software upgradeability (maintenance, feature upgrades)
- User-defined variable
- User-defined function (extends built-in functions)
- Folder-based memory management
- Resetting/Initializing memory
- Selectable display language
- Auto Power Off (APO)
- Bundled Screen Receiver Software
- Ending Screen/User-defined Ending Screen

ClassPad II fx-CP400 only

- Graph & Picture
- Picture Plot
- Slider interface (Graph, Conics, Geometry, Picture Plot)
- Horizontal screen view
- Length unit
- Physium

ClassPad 330 PLUS only

- Presentation feature
- Unit-to-unit screen image transfer

OPTIONS

- ClassPad Manager (FA-CP400A/B, FA-CP330A/B)

- USB direct connection to CASIO Data Projector*

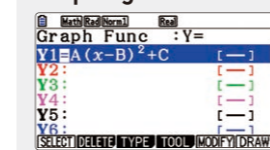
- Simple data management using the mass storage function



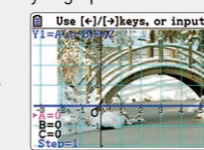
* For information on supported models, refer to the following URL: <http://edu.casio.com/support/projector/>

Single image and multiple images make learning interesting and fun.

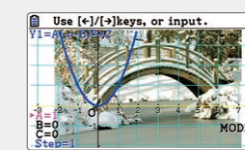
Graphing Students can create a wide variety of graphs over real-life visual backgrounds.



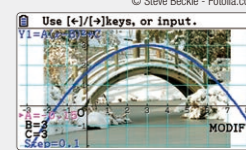
Select the formula for the graph you want to create.



A graph screen with a visual appropriate for creating a graph of the selected function is displayed.



Create a graph that matches the parabola in the visual by repeatedly inputting values.



Congratulations! Your graph is complete.

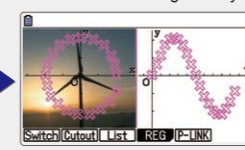
Picture Plot Students can search for and plot curves found in nature and their surroundings. Analysis of the plotted data deepens understanding of the function.



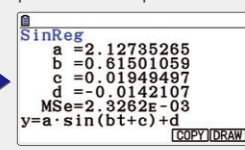
Select an image file.



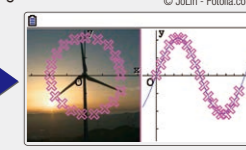
Create a plot over the selected image.



It's possible to simultaneously draw a graph of the time axis by using time values.



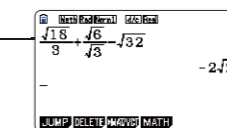
Regression can be performed on the graph of the time axis.



In addition, a regression graph can be drawn.

Natural textbook display

CASIO's original "Natural Expression Input Display" and "Natural Expression Output Display" make it possible to display fractions, exponents, logarithms, powers, and square roots just as they are written in the textbook. The result is enhanced student comprehension and improved math class efficiency.

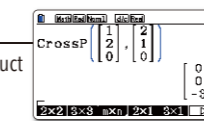


Natural Output
Calculation results appear in the same format as they are written.

New functions that make studying mathematics more rewarding and fun

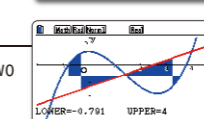
Vector calculation

Perform operations on vectors and calculate the inner product and outer product.



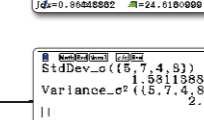
New integral calculation function

Calculate the values of integrals and the area enclosed by two graphs. Not only arbitrary points, but also points of intersection and the points where Y=0 can be selected in the interval of integration.



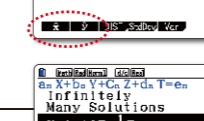
New deviation commands

Population standard deviation and population variance commands have been added.



Equation application improvement

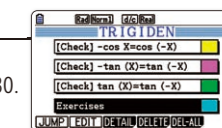
The calculation result display has been improved for simultaneous equations with an infinitely number of solutions.



- Out-of-the-box USB operations
- Direct connection to a projector
- Connect the calculator to a data projector and project the calculator screen.
- Large-capacity 16MB flash memory

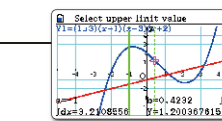
eActivity

fx-CG20 calculator come with the same eActivity capabilities that originally appeared on the ClassPad 330. Now teachers as well as students can create their own problems and study materials. Students get the opportunity to learn at their own pace for more efficient study both at school and at home. eActivity is a great motivator for learning and understanding.



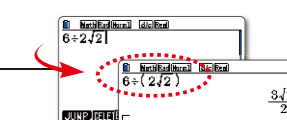
Integral calculation improvement

Verify the integral value in real time while freely moving the interval using the cursor key.



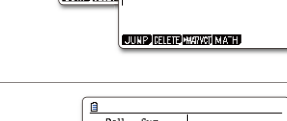
Random sampling of an existing list

Use shuffling or random selection to select data from an existing list and prepare new list data. Use the new list data to verify various statistical patterns.



Auto parenthesis addition

This function clearly indicates the calculation order when the calculation priority sequence is ambiguous.



Probability Simulation*

- Simulate probability events using dice roll, coin toss, or card draw and perform statistical analysis.
- Coin Toss
- Dice Roll
- Spinner
- Marble Grab
- Card Draw
- Random Numbers

* Downloading from the Web and user installation is required.

Add-in software can be downloaded from the CASIO website.

<http://edu.casio.com/dl/>

GRAPHIC MODELS

Graphic models with Natural-V.P.A.M. and backlit display



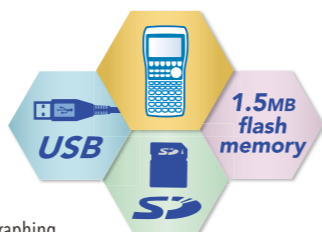
fx-9860GII SD
*SD memory card not included

fx-9860GII

- over 2,900 FUNCTIONS
- 10+2 DIGITS
- 62,000 bytes
- NATURAL V.P.A.M.
- DOT MATRIX
- List-based STAT
- Multi-replay
- 21 characters for 8 lines
- SD CARD
- * SD model only.

User-friendly Interface

- Large display (128 × 64 dots)
- High-resolution LCD
- High-speed CPU
- Rectangular coordinate graphing, Polar coordinate graphing
- Parametric function graphing, Inequality graphing
- Table and Graph
- Dual graph (table and graph, graph and graph)
- Solve (root, minimum, maximum, intersection, integration)
- Dynamic graph
- Conic section graph
- Recursion graph
- eActivity
- Geometry
- Statistical plot (scatter plot, xyLine, normal probability plot, histogram, box plot)
- Statistical regression graphs (linear, med-med, quadratic, cubic, quartic, logarithmic, exponential, power, sinusoidal, logistic regression)
- Advanced statistical calculations: tests, intervals, distributions
- Pie chart
- Bar graph
- Spreadsheet and statistical plot
- Numeric equation solver, Simultaneous equations, Polynomial equations
- SD memory card slot (fx-9860GII SD only)
- Data communication
- Out-of-the-box USB operations
- Direct connection to a projector
- User memory: 62,000 bytes, User storage memory: 1.5 M bytes



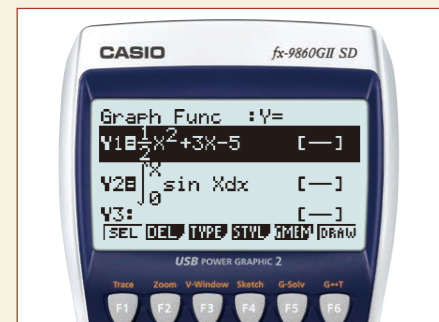
Backlight on

Natural textbook display!

CASIO's original "Natural Expression Input Display" and "Natural Expression Output Display" make it possible to display fractions, exponents, logarithms, powers, and square roots just as they are written in the textbook. The result is enhanced student comprehension and improved math class efficiency.

Natural Input

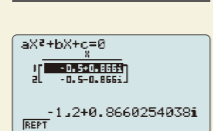
Natural Input now supported in the Graph Mode!



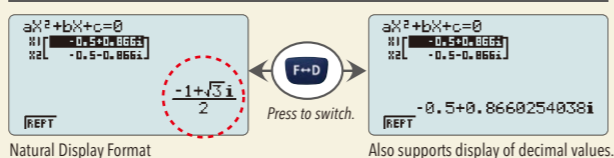
Natural Output

Polynomial equation result

Previous Models

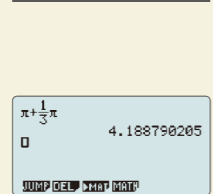


Natural Output Models

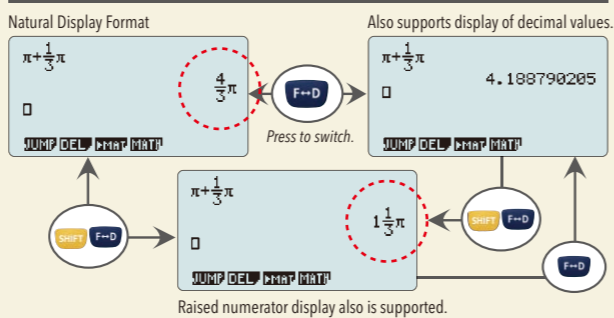


Result of expression with Pi symbol

Previous Models



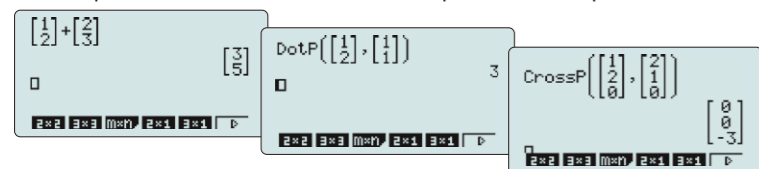
Natural Output Models



New functions that make studying mathematics more rewarding and fun

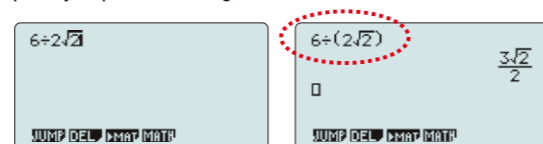
Vector calculation

Perform operations on vectors and calculate the dot product and cross product.



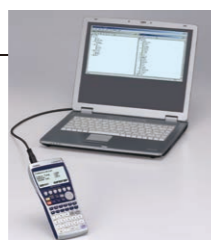
Auto parenthesis addition

This function clearly indicates the calculation order when the calculation priority sequence is ambiguous.



Out-of-the-box USB operations

A USB cable, unit-to-unit cable and Program-Link Software all are included with the calculator, so high-speed data communication with a computer as well as unit-to-unit data and program transfers can be performed virtually out of the box.



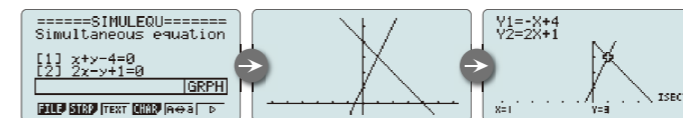
SD memory card slot (SD model only)

The fx-9860GII SD is equipped with an SD memory card slot for easy data transfers.



eActivity

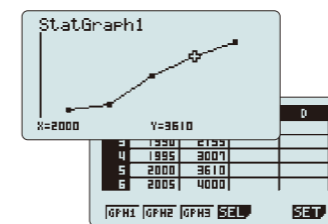
Now teachers as well as students can create their own problems and study materials. Students get the opportunity to learn at their own pace for more efficient study both at school and at home. eActivity is a great motivator for learning and understanding.



Built-in Software

Spreadsheet

A multi-function spreadsheet with built-in graphing capabilities is a valuable tool for table calculation lesson exercises.



Other Features

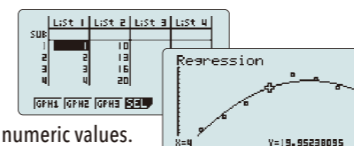
Probability



Normal distribution, Student's t-distribution, and other often-used statistical calculations are provided in function format for easier practical application.

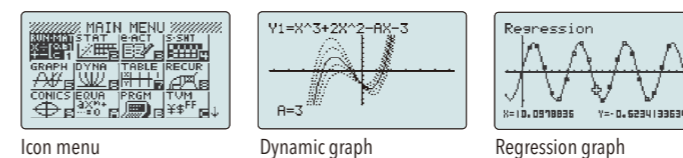
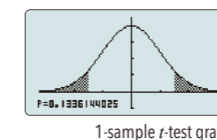
List-based Statistics

Store a list of values in memory for use when performing function and statistical calculations, when drawing graphs, or when generating tables of numeric values.



Advanced Statistics

Perform tests, confidence interval, probability distribution, and other calculations and graphing.



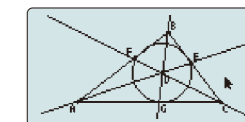
Add-in Software

Pre-installed Software

Pre-installed add-in software comes installed on the calculator when you purchase it. You can use such software as-is, or you can delete it to free up memory.

Geometry

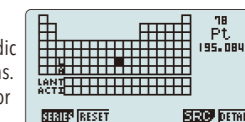
Geometry add-in software is designed to make learning geometry fun.



Downloadable Software

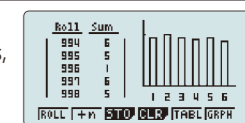
Phisium

The Phisium add-in provides instant access to the periodic table of elements, whose data can be used in calculations. Often-use elements and atomic symbols can be stored for quick and easy recall whenever you need them.



Probability Simulation*

Simulate probability events using dice roll, coin toss, card draw, and other probability simulations and perform statistical analysis.



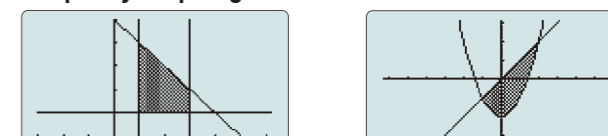
- Coin Toss
- Dice Roll
- Spinner
- Marble Grab
- Card Draw
- Random Numbers

* Downloading from the Web and user installation is required.

Add-in software can be downloaded from the CASIO website.

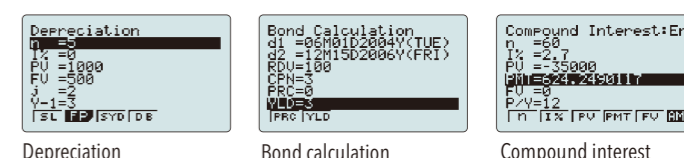
<http://edu.casio.com/dl/>

Inequality Graphing



Support for graphing the inequality of an $x = \text{Constant}$ graph and $x = f(y)$ graph allows study of the area for which the x -range is defined.

Financial Functions



- Depreciation
- Bond calculation
- Simple interest
- Compound interest
- Investment appraisal (cash flow)
- Amortization
- Interest rate conversion (annual percentage rate and effective interest rate)
- Cost, selling price, or margin
- Day or date calculations

New features give you the tools to create outstanding classroom presentations!

POWER GRAPHIC

- Dot matrix display (128 × 64 dots)
- High-resolution LCD
- High-speed CPU
- Rectangular coordinate graphing, Polar coordinate graphing
- Parametric function graphing, Inequality graphing
- Table and Graph
- Dual graph (table and graph, graph and graph)
- Solve (root, minimum, maximum, intersection, integration)
- Dynamic graph
- Conic section graph
- Recursion graph
- Statistical plot (scatter plot, xyLine, normal probability plot, histogram, box plot)
- Statistical regression graphs (linear, med-med, quadratic, cubic, quartic, logarithmic, exponential, power, sinusoidal, logistic regression)
- Advanced statistical calculations: tests, intervals, distributions
- Pie chart
- Bar graph
- Numeric equation solver, Simultaneous equations, Polynomial equations
- Financial functions
- Programming
- Data communication
- Direct connection to a projector
- User memory: 62,000 bytes
- USB Port



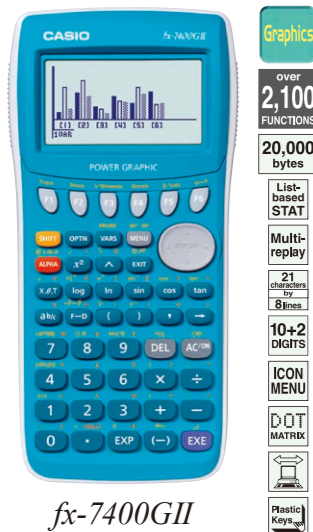
fx-9750GII

- over 2,800 FUNCTIONS
- 10+2 DIGITS
- 62,000 bytes
- ICON MENU
- DOT MATRIX
- List-based STAT
- Multi-replay
- 21 characters for 8 lines
- Plastic Key



* Comes with slide-on hard case

GRAPHIC MODELS



fx-7400GII



* Comes with slide-on hard case

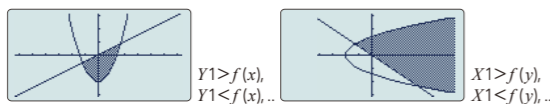
POWER GRAPHIC

- High-definition display (128×64 dots)
- Inequality Graphing • Polar Graph • X= Graph
- Graph Solve Function (Root, Intersection)
- Sketch (Tangent) • Bar Graph/Pie Chart
- Random Number Function • Quotient, Remainder
- String Functions • Unit Conversion
- Solve Calculations (EQUA mode)
- GCD/LCM • 12 Types of Regression
- Complex Calculations
- Catalog Function
- Polynomial Function (EQUA mode)
- Simultaneous Functions (EQUA mode)
- Base-*n* Calculation
- Display Language Setting
- Data communication (requires optional 3-pin cable, FA-124USB for connecting with PC)

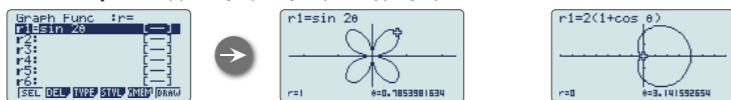
- Graphics
- over 2,100 FUNCTIONS
- 20,000 bytes
- List-based STAT
- Multi-replay
- 21 characters by 8 lines
- 10+2 DIGITS
- ICON MENU
- DOT MATRIX
- Plastic Keys

Main Functions

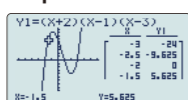
Inequality Graphing Supports graphing of $X > f(y)$, inequalities.



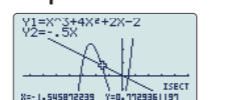
Polar Graph Supports graphing of polar type graphs.



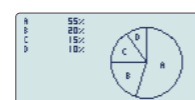
Graph & Table



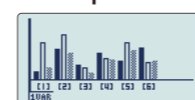
Graph Solve Function



Pie Chart



Bar Graph



PROGRAMMABLE MODELS

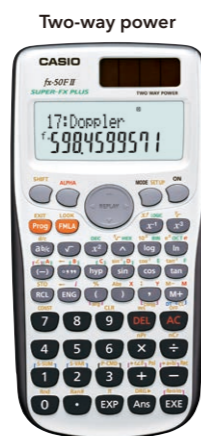


SUPER-FX PLUS
fx-5800P

- 664 FUNCTIONS
- 28,500 bytes
- NATURAL TEXTBOOK
- List-based STAT
- Multi-replay
- 10+2 DIGITS
- DOT MATRIX
- Plastic Keys

Natural Textbook Display, More Powerful Program Functions, 4-line Display

- Program functions
- Matrix calculations
- Differential and integration
- Recursions • Solve function
- Complex number calculations
- Base-*n* calculations
- Data transmission between two fx-5800P calculators
- 26 to 2398 variables
- Fraction calculations
- 40 scientific constants
- 128 built-in formulas
- Multi-replay function
- Statistics (List-based statistics, Standard deviation, Regression analysis)
- Integrated hard case swings back a full 360 degrees.



SUPER-FX PLUS
fx-50FII

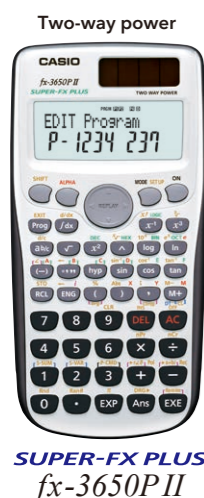


fx-50FHII
HKEAA approved model

- 406 FUNCTIONS
- 680 bytes
- STAT-data
- Multi-replay
- 2-LINE BIG DISPLAY
- 10+2 DIGITS
- DOT MATRIX
- TWO-WAY POWER
- Plastic Keys

BASIC-like Program, 2-line Display, Multi-replay Function

- Program functions (4 program areas)
- Multi-replay function
- 2-line big display
- Complex number calculations
- Combination and permutation
- 23 built-in formulas
- Fraction calculations
- 40 scientific constants
- Statistics (STAT-data editor, Standard deviation, Regression analysis)
- 7 variables
- Base-*n* calculations/conversions
- Logical operations
- Comes with slide-on hard case.

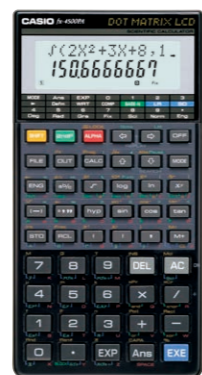


SUPER-FX PLUS
fx-3650PII

- 308 FUNCTIONS
- 390 bytes
- STAT-data
- Multi-replay
- 2-LINE BIG DISPLAY
- 10+2 DIGITS
- DOT MATRIX
- TWO-WAY POWER
- Plastic Keys

BASIC-like Program, 2-line Display, Multi-replay Function

- Program functions (4 program areas)
- Multi-replay function
- 2-line big display
- Fraction calculations
- Combination and permutation
- Differential and integration
- Statistics (STAT-data editor, Standard deviation, Regression analysis)
- Base-*n* calculations/conversions
- Logical operations
- Complex number calculations
- 7 variables
- Comes with slide-on hard case.



fx-4500PA

- 242 FUNCTIONS
- 1,103 bytes
- 2-LINE BIG DISPLAY
- 10+2 DIGITS
- DOT MATRIX
- Plastic Keys

2-line Display and Program File System

- 2-line display shows formulas and results simultaneously.
- Versatile program area management: up to 1,103 program steps, and 26 (standard) to 163 variables
- Program file system for storing multiple programs
- Replay function
- Engineering symbol calculations
- Formula memory
- Integrations
- Statistics (Standard deviation, Regression analysis)
- Base-*n* calculations/conversions
- Logical operations

FINANCIAL MODELS

Two-way power



FINANCIAL CONSULTANT
FC-200V

AAA-size (R03) battery



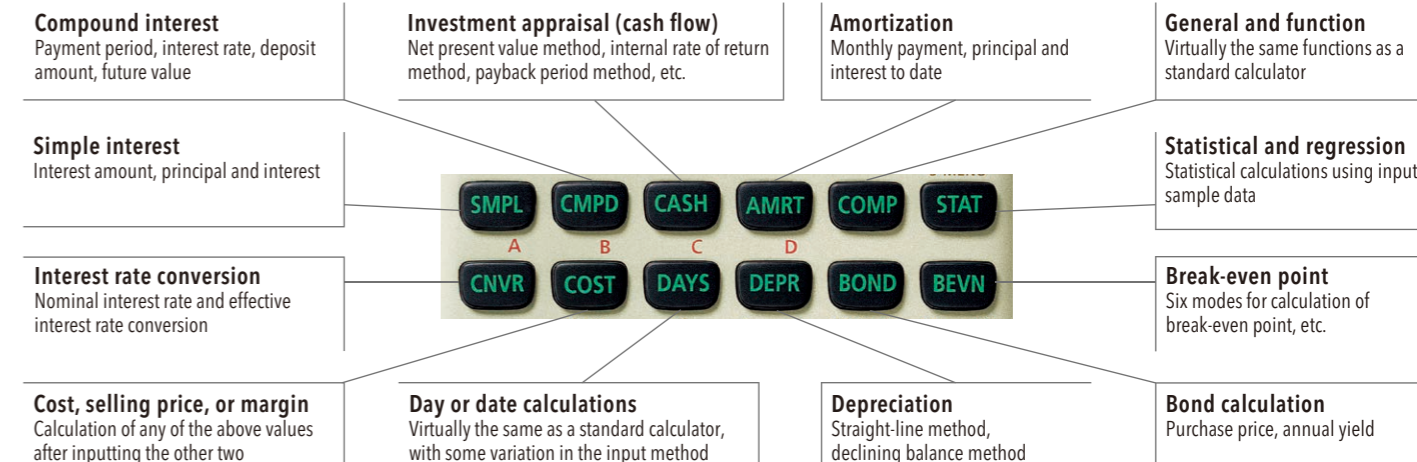
FINANCIAL CONSULTANT
FC-100V

- 4-LINE DISPLAY
- 10+2 DIGITS
- DOT MATRIX
- Plastic Keys

Powerful, original Financial Consultant features take much of the work out of financial calculations!

- Plastic keys
- Comes with new slide-on hard case.
- Power supply:
FC-200V: Solar cell and a single G13 type button battery (LR44)
FC-100V: One AAA-size battery (R03)
- Approximate battery life:
FC-200V: 3 years (1 hour of operation per day)
FC-100V: 17,000 hours continuous display of flashing cursor
- Dimensions:
FC-200V: 12.2 (H) × 80 (W) × 161 (D) mm
FC-100V: 13.7 (H) × 80 (W) × 161 (D) mm
- Approximate weight: FC-200V: 105g; FC-100V: 110g

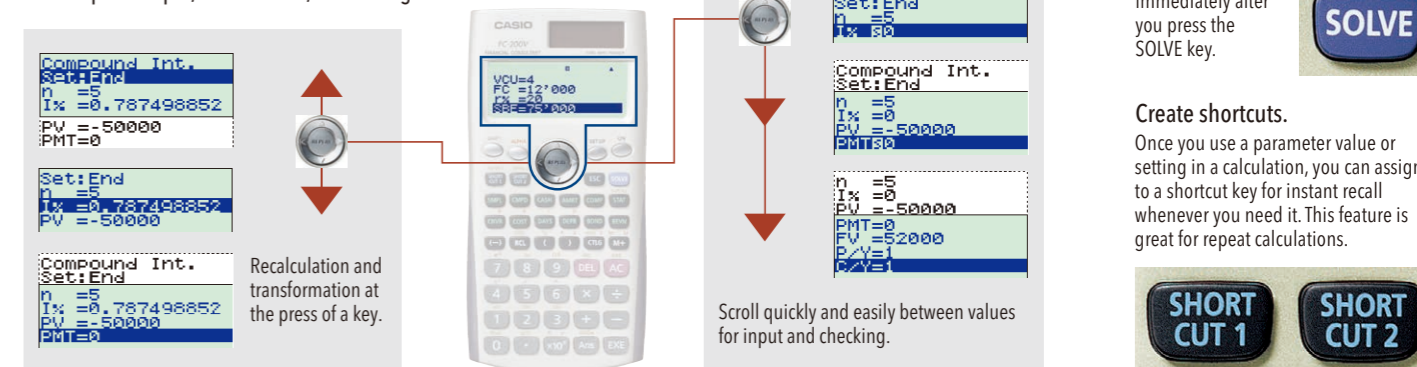
A bank of mode keys provides you with one-touch access to the mode you need.



	FC-200V	FC-100V
Simple interest	•	•
Compound interest	•	•
Investment appraisal (cash flow)	•	•
Amortization	•	•
Interest rate conversion	•	•
Cost, selling price, or margin	•	•
Day or date calculations	•	•
Depreciation	•	•
Bond calculation	•	•
Break-even point	•	•
General and function	•	•
Statistical and regression	•	•

Easy operation with parameters

A full-dot 4-line display provides easier scrolling between parameters and simplifies input, confirmation, and editing.



CLASSWIZ MODELS

CLASSWIZ A New Classroom Standard Created from High-resolution LCD Technology

High-resolution LCD drives further evolution!

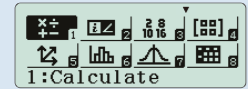
Higher resolution increases the amount of information that can be displayed and improves usability. In addition, CLASSWIZ is equipped with a basic spreadsheet function for creating spreadsheets with up to 5 columns and 45 rows (maximum of 170 data items).

* Spreadsheet function is available only in the fx-570EX, fx-991EX, fx-570AR X, and fx-991AR X



Interface functions ideal for education

Icon display

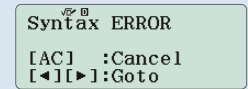


fx-EX series

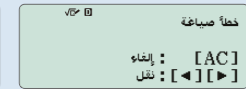


fx-AR X series

Interactive format

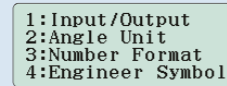


fx-EX series



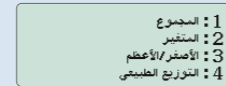
fx-AR X series

English display



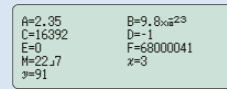
fx-EX series

Arabic and English display



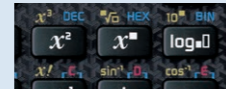
fx-AR X series

List display



fx-EX series and fx-AR X series

Key notation



fx-EX series and fx-AR X series

High performance effective for education

High-resolution display

63 x 192-dot display. Clear display of equations and messages

High-speed calculation

Fast calculation for smooth performance in class or during examinations

Memory capacity

Capacity to process 160 statistical data items

High-performance functions

- Use of spreadsheets
- 4 x 4 matrix calculation

AAA-size (R03) battery



fx-82EX

AAA-size (LR03) battery



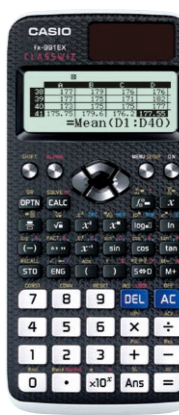
fx-350EX

AAA-size (R03) battery



fx-570EX

Two-way power



fx-991EX

Arabic language display

fx-AR X Series of Models Specifically for the Arabic-Speaking Region

World's First Standard Scientific Calculator* Supported with Arabic Menu

* A scientific calculator without programing functions

AAA-size (R03) battery



fx-82AR X

AAA-size (R03) battery



fx-95AR X

AAA-size (R03) battery



fx-570AR X

Two-way power

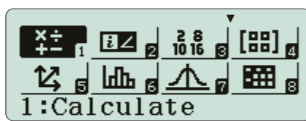


fx-991AR X

Intuitive, easy-to-learn icon display

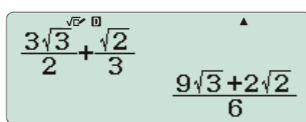
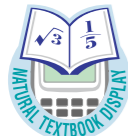
The use of icons on the menu screen improves viewability. Selection of the desired function is quick and easy.

* The photo shows the fx-991EX.



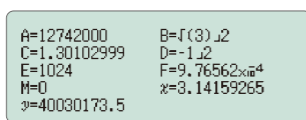
Natural Textbook Display

Input and display fractions, powers, logarithms, roots, and other mathematical formulas and symbols just as they appear in textbooks.



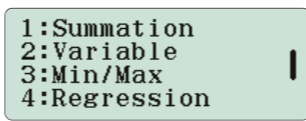
List display function for thorough, speedy learning

Variables and statistical calculation results stored in memory can be displayed in lists. There's no need to recall and confirm individual values as with previous models.



Easy-to-understand English messages and interactive format

Nearly all English words are displayed on the screen in unabbreviated form. Interactive menu display realizes more intuitive operation.



High computational competence for performing even advanced mathematics

CLASSWIZ contains calculation functions that support even advanced mathematical operations, including spreadsheet calculations, 4 x 4 matrix calculations, calculation of simultaneous equations with four unknowns and quartic equations, and advanced statistical distribution calculations.

* fx-95AR X equipped with simultaneous equations with 4 unknowns and quartic equations only
* Advanced statistical distribution calculations (fx-991EX, fx-570EX only)

Online Visualization Service Using QR Code

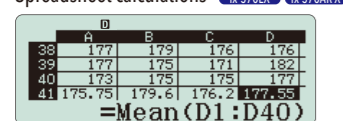
Generate QR Codes of equations input into the calculator by a simple operation. Graphs and other graphics can be displayed on smartphone or tablet screens.



* Functions for which specific models are not indicated are available in all models.

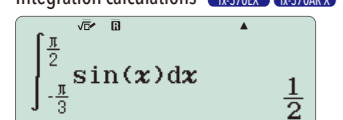
A comprehensive set of advanced functions unique to CASIO scientific calculators

Spreadsheet calculations



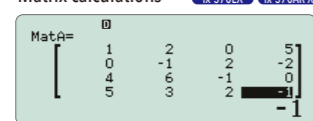
Useful for learning statistics. Up to 5 columns x 45 rows (maximum of 170 data items)

Integration calculations



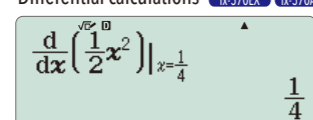
Perform integration calculations in advanced mathematics.

Matrix calculations



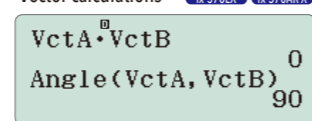
Perform calculations with matrices of up to 4 rows and 4 columns.

Differential calculations



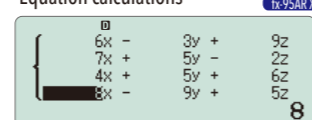
Perform differential calculations in advanced mathematics.

Vector calculations



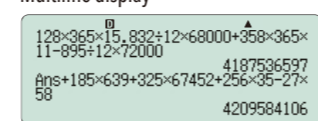
Perform calculations using up to third-order vectors stored in memory.

Equation calculations



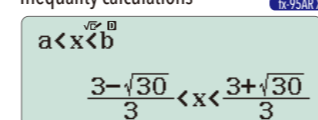
Calculation of simultaneous equations in 2 to 4 unknowns and high-degree equations of second to fourth degree

Multiline display



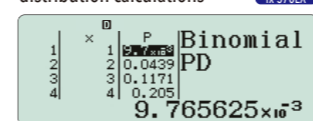
Formulas are automatically wrapped to multiple lines.*
* In linear input mode

Inequality calculations



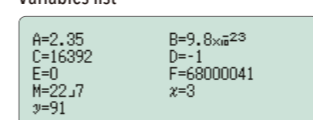
Solve second-degree to fourth-degree inequalities.

Advanced statistical distribution calculations



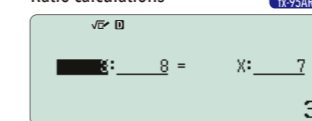
Perform calculations involving normal distributions, binomial distributions, and Poisson distributions.

Variables list



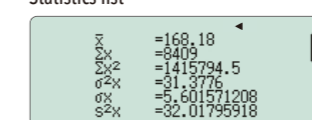
One-touch list display

Ratio calculations



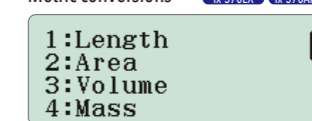
Perform ratio calculations such as A:B=X:D.

Statistics list



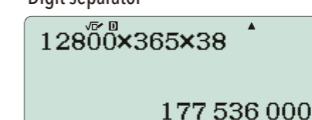
Displays six rows at once.

Metric conversions



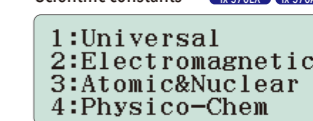
Select units from the Metric Conversion Command List.

Digit separator



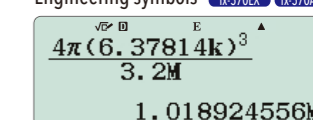
Separation every three digits makes even large numbers easy to read.

Scientific constants



Select scientific constants from the Scientific Constant Table.

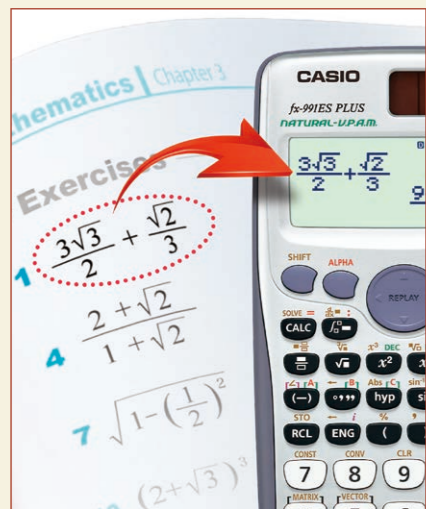
Engineering symbols



Perform engineering calculations that include symbols such as k, M, m, and n.

* Functions for which specific models are not indicated are available in all models.

NATURAL TEXTBOOK DISPLAY MODELS



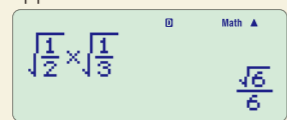
Classroom models that make it easy to teach and easy to learn!

Natural Textbook Display format!

CASIO's original "Natural Expression Input Display" and "Natural Expression Output Display" make it possible to display fractions, exponents, logarithms, powers, and square roots just as they are written in the textbook. The result is enhanced student comprehension and improved math class efficiency.

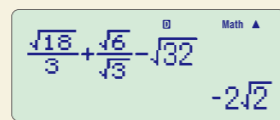
Natural input

Input expressions and arithmetic operations as they appear in written form.



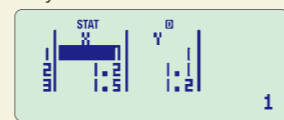
Natural output

Calculation results appear in the same format as they are written.



Full-dot display

Equations and statistical data are displayed in a clear, easy-to-read format.



Natural Textbook Display examples

Fraction $\frac{4}{5} + \frac{2}{3}$ 22/15	Square root $\sqrt{2} + 2\sqrt{2}$ 3√2	Logarithmic $\log_2(9) \times \log_3(\frac{1}{8})$ -6	Fraction and square root $\frac{2+\sqrt{2}}{1+\sqrt{2}}$ √2	Expression with square root $\sin(75^\circ)$ $\frac{\sqrt{6}+\sqrt{2}}{4}$	Trigonometry $\cos(30^\circ)$ $\frac{\sqrt{3}}{2}$
--	--	---	---	--	--

Main functions

- Prime factorization: 56 → 2³ × 7
- Random integers: RanInt#(1,6) → 6
- Ratio calculation: $\frac{a}{b} \div \frac{c}{d}$ → 10
- Inequality: A < X < B → -5 < X < 3
- Equation calculations: X₁ = → √2

• fx-82ES PLUS / 85ES PLUS / 350ES PLUS not equipped with ratio calculation, inequality, or equation calculations

AAA-size (R03) battery



fx-82ES PLUS

Two-way power



fx-85ES PLUS

AAA-size (LR03) battery



fx-350ES PLUS

252 FUNCTIONS
NATURAL V.P.A.M.
List-based STAT
Multi-replay
10+2 DIGITS
DOT MATRIX
Plastic Keys

Main functions:

- Prime factorization
- Random integers

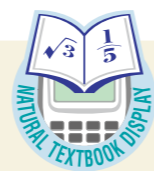
Standard functions:

- Coordinate transformation
- Power calculation
- Trigonometry
- Fraction calculations
- Combination and permutation
- 9 variables
- Statistics (List-based STAT data editor, Standard deviation, Regression analysis)
- Table function

Standard functions

Coordinate transformation Pol($\frac{1}{8}, \frac{\sqrt{3}}{8}$) r=0.25, θ=60	Power calculation 2 ² +3 ³ +4 ⁴ 287	Statistics Data registration Regression calculation Σx ² value calculation	Trigonometry cos(30°) √3/2
Table function f(x)=x ² +1/2	Start value input Start?	End value input End?	Set up step value Step?
Formula registration	Start value input	End value input	Table calculation

• Fraction calculations • Combination and permutation • 9 variables



NATURAL-V.P.A.M.

AAA-size (R03) battery



fx-95ES PLUS

274 FUNCTIONS
NATURAL V.P.A.M.
List-based STAT
Multi-replay
10+2 DIGITS
DOT MATRIX
Plastic Keys

Main functions

- Prime factorization
- Random integers
- Inequality
- Ratio calculation

Equation calculations

Equation menu: 1: ax²+bx+c=0, 2: ax²+bx+c=d, 3: ax²+bx+c=0, 4: ax²+bx+c=d

Cubic equation: X₁= -5, X₂= 2, X₃= 1

Simultaneous linear equations: X = -1/13, Y = 18/13

Quadratic equation: X₁ = $\frac{-\sqrt{2} + \sqrt{6}}{2}$, X₂ = $\frac{-\sqrt{2} - \sqrt{6}}{2}$

AAA-size (R03) battery



fx-570ES PLUS

Two-way power



fx-991ES PLUS

417 FUNCTIONS
NATURAL V.P.A.M.
List-based STAT
Multi-replay
10+2 DIGITS
DOT MATRIX
Plastic Keys

Main functions

- Equation calculations
- Random integers

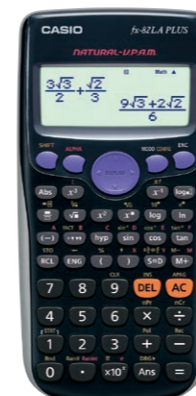
Standard functions plus additional functions

- Integration calculations: $\int_0^2 \frac{1}{2} dx$ → 1
- Differential calculations: $\frac{d}{dx}(\sin(x))|_{x=\pi/2}$ → 0
- Vector calculations: A = [-1, 1], B = [1, 1] → -1
- CALC function: 3A+B → 25
- Matrix calculations: MatA(mxn) mnxn? 1: 3x3, 2: 3x2, 3: 3x1, 4: 2x3, 5: 2x2, 6: 2x1 → [-1, 1, -1, -1, 1, 2]
- SOLVE function: Solve for X → Y=AX²+B, X= 1.414213562, L-R= 0
- Scientific constants: 1/√e0.π0 → 299792458
- Metric conversions: -31°C → °F → -23.8
- Complex number calculations: $\frac{-3+2i}{2+i}$ → $-\frac{4}{5} + \frac{7}{5}i$

• Base-n calculation

Spanish language display

fx-LA PLUS Series of Models Specifically for Central and South America



fx-82LA PLUS

(Black)



(Blue)



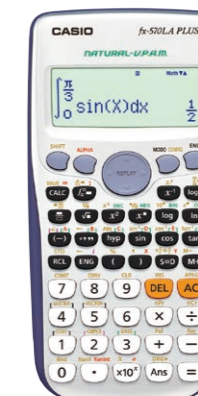
(Pink)



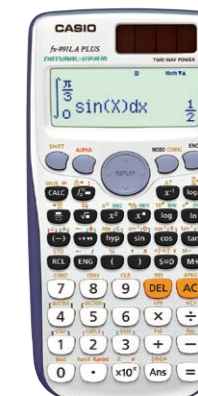
fx-350LA PLUS

NEW

252 FUNCTIONS
NATURAL V.P.A.M.
List-based STAT
Multi-replay
10+2 DIGITS
DOT MATRIX
Plastic Keys



fx-570LA PLUS



fx-991LA PLUS

NEW

417 FUNCTIONS
NATURAL V.P.A.M.
List-based STAT
Multi-replay
10+2 DIGITS
DOT MATRIX
Plastic Keys

Main functions

- Prime factorization
- Random integers

Standard functions

- Coordinate transformation
- Power calculation
- Trigonometry
- Fraction calculations
- Combination and permutation
- 9 variables
- Statistics (List-based STAT data editor, Standard deviation, Regression analysis)
- Table function

Coordinate transformation: Pol($\frac{1}{8}, \frac{\sqrt{3}}{8}$)
r=0.25, θ=60

Power calculation: 2²+3³+4⁴ → 287

Main functions

- Equation calculations
- Random integers

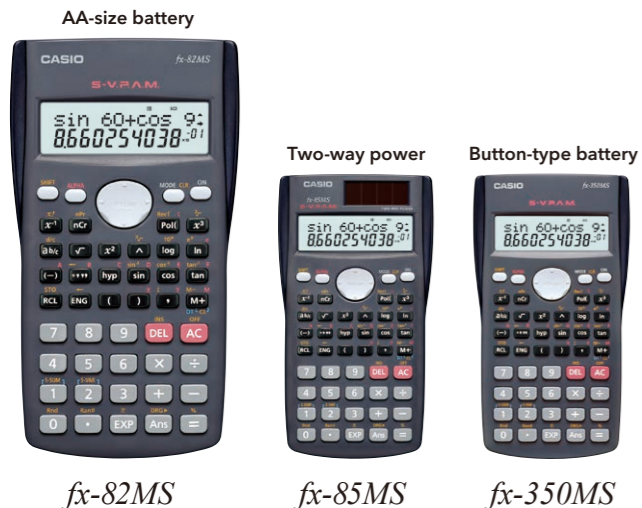
Standard functions plus additional functions

- Integration calculations: $\int_0^2 \frac{1}{2} dx$ → 1
- Differential calculations: $\frac{d}{dx}(\sin(x))|_{x=\pi/2}$ → 0
- Vector calculations: A = [-1, 1], B = [1, 1] → -1
- Scientific constants: 1/√e0.π0 → 299792458
- Metric conversions: -31°C → °F → -23.8
- Complex number calculations: $\frac{-3+2i}{2+i}$ → $-\frac{4}{5} + \frac{7}{5}i$

• Base-n calculation • Matrix Calculation • CALC function • SOLVE function

Standard models

S-V.P.A.M. Models

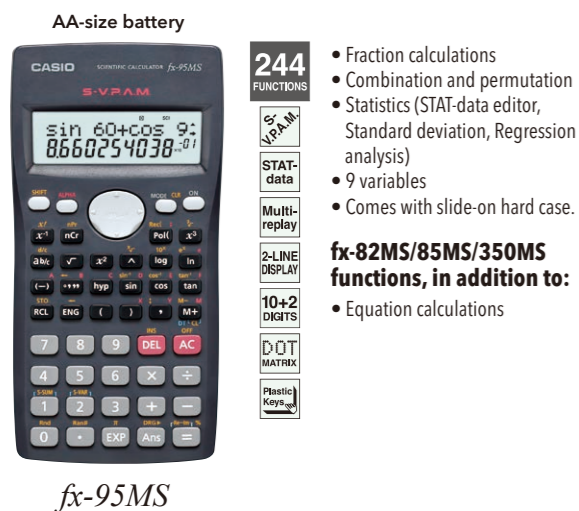


- 240 FUNCTIONS
- S-V.P.A.M.
- STAT-data
- Multi-replay
- 2-LINE DISPLAY
- 10+2 DIGITS
- DOT MATRIX
- Plastic Keys

- Fraction calculations
- Combination and permutation
- Statistics (STAT-data editor, Standard deviation, Regression analysis)
- 9 variables



* Comes with slide-on hard case.



- 244 FUNCTIONS
- S-V.P.A.M.
- STAT-data
- Multi-replay
- 2-LINE DISPLAY
- 10+2 DIGITS
- DOT MATRIX
- Plastic Keys

- Fraction calculations
- Combination and permutation
- Statistics (STAT-data editor, Standard deviation, Regression analysis)
- 9 variables
- Comes with slide-on hard case.

fx-82MS/85MS/350MS functions, in addition to:

- Equation calculations



- 300 FUNCTIONS
- S-V.P.A.M.
- STAT-data
- Multi-replay
- 2-LINE DISPLAY
- 10+2 DIGITS
- DOT MATRIX
- Plastic Keys

- Fraction calculations
- Combination and permutation
- Statistics (STAT-data editor, Standard deviation, Regression analysis)
- 9 variables
- Comes with slide-on hard case.

fx-82MS/85MS/350MS functions, in addition to:

- Equation calculations
- Integration/differential calculations
- Base-*n* calculations/conversions
- Complex number calculations
- CALC function
- SOLVE function



- 401 FUNCTIONS
- S-V.P.A.M.
- STAT-data
- Multi-replay
- 2-LINE DISPLAY
- 10+2 DIGITS
- DOT MATRIX
- Plastic Keys

- Fraction calculations
- Combination and permutation
- Statistics (STAT-data editor, Standard deviation, Regression analysis)
- 9 variables
- Comes with slide-on hard case.

fx-82MS/85MS/350MS functions, in addition to:

- Equation calculations
- Integration/differential calculations
- Base-*n* calculations/conversions
- Complex number calculations
- Matrix calculations
- Vector calculations
- 40 scientific constants
- Metric conversions
- CALC function
- SOLVE function

Key Features

Packed with features useful for coursework

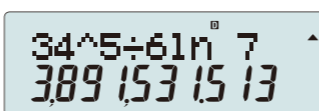
S-V.P.A.M. Why is S-V.P.A.M. the perfect choice for the classroom?
Super Visually Perfect Algebraic Method

- Reason 1 Perfect Algebraic Method
- Reason 2 2-line Display
- Reason 3 Replay Function

CASIO S-V.P.A.M. calculators let you input calculation formulas just as they are written in your textbook.

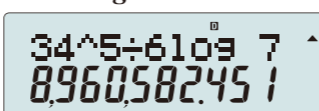
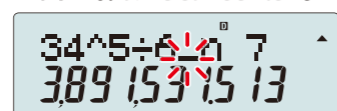
- Two-line display lets you view the expression and its result at the same time.
- A separator symbol is displayed every three digits when the integer part of the mantissa has more than three digits.

Example
 $34^5 \div 61n 7 = 3891531.513$



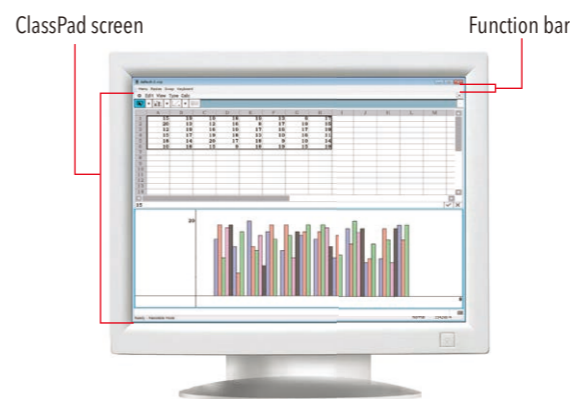
- Move the cursor to make changes for recalculation without having to input the entire expression.

Example
 $34^5 \div 61n 7 = 3891531.513 \rightarrow 34^5 \div 61og 7 = 8960582.451$



SUPPORTING OPTIONS IN THE CLASSROOM

Software



ClassPad Manager Subscription NEW for ClassPad II Series

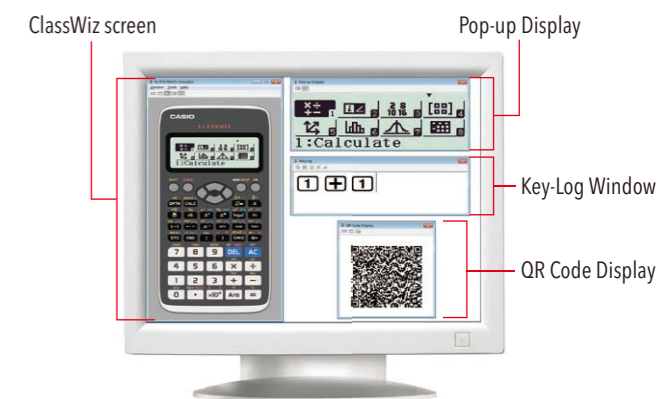
- FA-CP400SA (Single License)
- FA-CP400SB (10 Licenses)
- FA-CP400SC (30 Licenses)
- FA-CP400SD (100 Licenses)



- Laplace transform/Fourier transform
- Geometry application
- Financial functions
- Differential Equation Graph application
- Spreadsheet application

System Requirements

- Operating systems: Windows Vista® (32-bit), Windows® 7 (32-bit / 64-bit), Windows® 8 (32-bit / 64-bit), Windows® 8.1 (32-bit / 64-bit), Windows® 10 (32-bit / 64-bit)
- Display resolution: XGA or higher



ClassWiz Emulator Subscription NEW for ClassWiz Series

- FA-CW1SA (Single License)
- FA-CW1SB (10 Licenses)
- FA-CW1SC (30 Licenses)
- FA-CW1SD (100 Licenses)



- Emulation of fx-82EX / 350EX / 570EX / 991EX / 82AR X / 95AR X / 570AR X / 991AR X
- Emulation of ClassWiz Series calculator operation using your computer mouse and keyboard.
- Emulator LCD screen image capture

System Requirements

- Operating systems: Windows Vista® (32-bit), Windows® 7 (32-bit / 64-bit), Windows® 8 (32-bit / 64-bit), Windows® 8.1 (32-bit / 64-bit), Windows® 10 (32-bit / 64-bit)
- Display resolution: XGA or higher



ClassPad Manager for ClassPad Series

- FA-CP330A (Single License)
- FA-CP330B (School License)

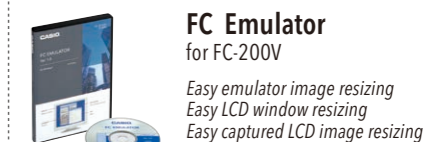


fx-Manager PLUS

- FA-9860A (Single License)
- FA-9860B (School License)



FA-124USB Data Communication Package



FC Emulator for FC-200V

- Easy emulator image resizing
- Easy LCD window resizing
- Easy captured LCD image resizing

- Laplace transform/Fourier transform
- Geometry application
- Financial functions
- Differential Equation Graph application
- Spreadsheet application

System Requirements

- Operating systems: Windows Vista® (32-bit), Windows® 7 (32-bit / 64-bit), Windows® 8 (32-bit / 64-bit), Windows® 8.1 (32-bit / 64-bit), Windows® 10 (32-bit / 64-bit)
- CD-ROM drive
- Display resolution: XGA or higher

- fx-9860GII SD, fx-9860GII, fx-9750GII or fx-9860G Series Calculator Emulation
- Mimics calculator operation using a computer mouse and keyboard.
- Copy and paste between the Spreadsheet application and Excel®
- Key-Log Editor
- Key-Log auto play of recorded key operations/Step playback
- Emulator LCD screen capture
- Screen Receiver

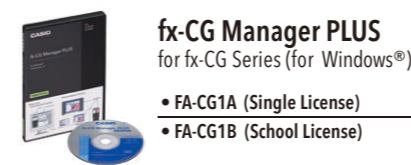
System Requirements

- Operating Systems: Windows Vista® (32-bit), Windows® 7 (32-bit / 64-bit), Windows® 8 (32-bit / 64-bit), Windows® 8.1 (32-bit / 64-bit), Windows® 10 (32-bit / 64-bit)
- Others: Microsoft® Excel® 2000, Microsoft® Excel® 2003, or Microsoft® Excel® 2007
- USB port
- CD-ROM drive
- Display resolution: XGA or higher

- Emulation of FC-200V
- Emulation of FC-200V calculator operation using your computer mouse and keyboard.
- Basic Key-Log (Copy and paste only)
- Emulator LCD screen image capture

System Requirements

- Operating Systems: Windows® XP Home Edition, Windows® XP Professional (32-bit), Windows Vista® (32-bit), Windows® 7 (32-bit), Windows® 8 (32-bit), Windows® 10 (32-bit / 64-bit)
- CD-ROM drive
- Display resolution: XGA or higher



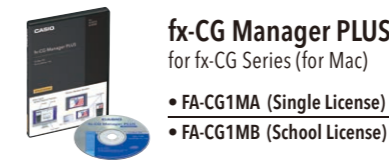
fx-CG Manager PLUS for fx-CG Series (for Windows®)

- FA-CG1A (Single License)
- FA-CG1B (School License)

- fx-CG20 Calculator Emulation
- Mimics fx-CG20 calculator operation using a computer mouse and keyboard.
- Key-Log Editor
- Key-Log auto play of recorded key operations
- Step playback
- Emulator LCD screen capture

System Requirements

- Operating Systems: Windows Vista® (32-bit), Windows® 7 (32-bit / 64-bit), Windows® 8 (32-bit / 64-bit), Windows® 8.1 (32-bit / 64-bit), Windows® 10 (32-bit / 64-bit)
- CD-ROM drive
- Display resolution: XGA or higher



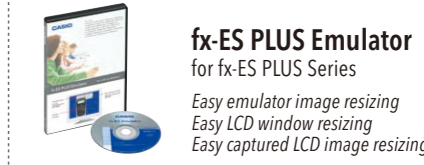
fx-CG Manager PLUS for fx-CG Series (for Mac)

- FA-CG1MA (Single License)
- FA-CG1MB (School License)

- fx-CG20 Calculator Emulation
- Mimics fx-CG20 calculator operation using a computer mouse and keyboard.
- Key-Log Editor
- Key-Log auto play of recorded key operations
- Step playback
- Emulator LCD screen capture

System Requirements

- Operating Systems: Mac OS® X (10.6.X / 10.7.X / 10.8.X / 10.9.X / 10.10.X)
- CD-ROM drive
- Display resolution: XGA or higher



fx-ES PLUS Emulator for fx-ES PLUS Series

- Easy emulator image resizing
- Easy LCD window resizing
- Easy captured LCD image resizing

- Emulation of fx-82ES PLUS / 85ES PLUS / 350ES PLUS / 570ES PLUS / 991ES PLUS
- Emulation of fx-ES PLUS Series calculator operation using your computer mouse and keyboard.
- Emulator LCD screen image capture

System Requirements

- Operating Systems: Windows Vista® (32-bit), Windows® 7 (32-bit / 64-bit), Windows® 8 (32-bit / 64-bit), Windows® 8.1 (32-bit / 64-bit), Windows® 10 (32-bit / 64-bit)
- CD-ROM drive
- Display resolution: XGA or higher

SURVEYING CALCULATOR



Exacting Focus on Functions Useful in Outdoor Work

Shock-resistance*1, water-resistance, and dust-resistance*2 suitable for hard use in the field. A civil engineering surveying calculator preloaded with practical programs

Shock-resistant



Water-resistant



Dust-resistant



*1 Complies with the MIL-STD-810G standard for impact strength

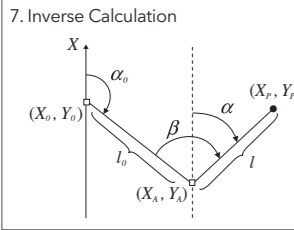
In testing involving a total of 26 drops on each face, edge and corner from 122 cm (4 feet) and 90 cm

*2 Conforms to the IP Code, an international standard for water-resistance and dust-resistance

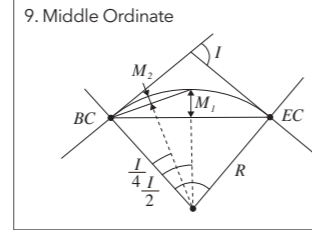
IP Code: IPX4 (Second characteristic numeral indicates water-resistance) IP Code: IPI5X (First characteristic numeral indicates dust-resistance)

21 preloaded basic formula programs useful at civil engineering surveying worksites

1. AXISTRAN (Axis Transformation)
2. R-TRIG (Right Triangle Trigonometry)
3. PYTHAGOR (Pythagorean)
4. COORD (Coordinate Calculation)
5. ANGLE (Bearing Angle)
6. TRAVERSE (Traverse Calculation)
7. INVERSE (Inverse Calculation)
8. DECENTER (Decentering)
9. MID-ORD (Middle Ordinate)
10. S-CURVE (Single Curve)
11. CL-CURVE (Clothoid Curve)
12. V-CURVE (Vertical Curve)
13. FORWARD (Forward Intersection)
14. BACKWARD (Backward Intersection)
15. INTSEC1 (Coordinates of Intersection for 3 points & 1 angle)
16. INTSEC2 (Coordinates of Intersection for 4 points)
17. V-LINE (Calculation of Perpendicular Coordinate and Distance)
18. TRIANGLE (Area of Triangle)
19. QUADRANG (Area of Quadrangle)
20. HERON (Heron Formula)
21. STADIA (Stadia Calculation)



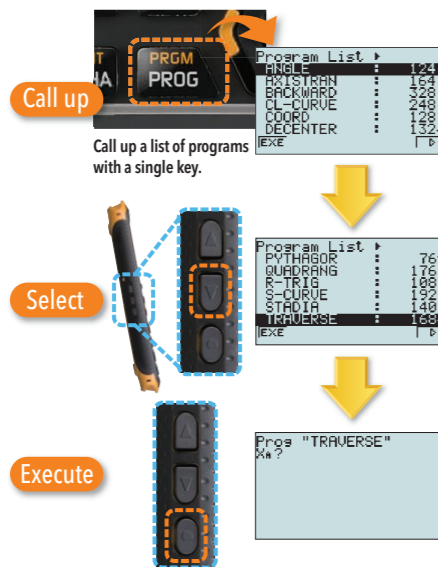
Input Value (X_o, Y_o) : Reference point A coordinates
 (X_p, Y_p) : Backsight point O coordinates
 (X_s, Y_s) : Collimation point P coordinates
Output Value l_o : Length of line segment OA
 α_o : Azimuth of line segment OA
 l : Length of line segment AP
 α : Azimuth of line segment AP
 β : Included angle



Input Value I : Angle of intersection
 R : Curved line radius
Output Value M_1 : Middle ordinate
 M : Middle ordinate (divided equally into four parts)

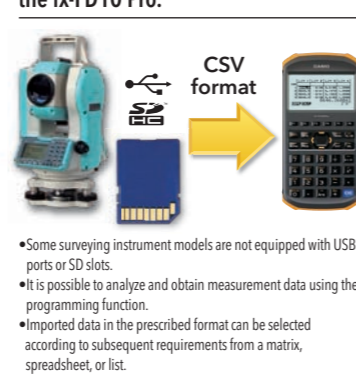
Program List Direct Call-up

Direct call-up of programs from the program list is possible.



Data sharing with a PC is possible.

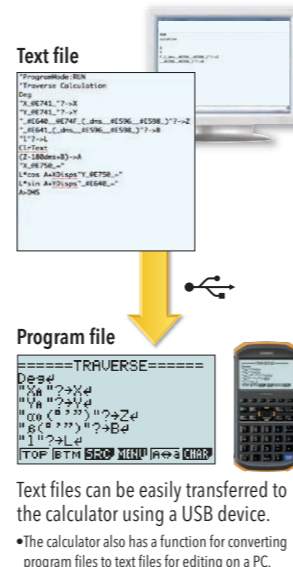
Data obtained using surveying instruments can be imported into the fx-FD10 Pro.



S-SHT (Spreadsheet)



The calculator can be programmed using a PC.



Scientific Calculators Specification Table

	Graphic Models						
	ClassPad II fx-CP400	ClassPad 330 PLUS	fx-CG20	fx-9860GII SD	fx-9860GII	fx-9750GII	fx-7400GII
Specifications							
Number of functions	—	—	(Over 2,900)*6	(Over 2,900)*6	(Over 2,900)*6	(Over 2,800)	(Over 2,100)
Power supply (Main)	AAA × 4 (Rechargeable battery support)	AAA × 4 (Rechargeable battery support)	AAA × 4 (Rechargeable battery support)	AAA × 4	AAA × 4	AAA × 4	AAA × 4
Power supply (Backup)	—	—	—	—	—	—	—
Approximate battery life Main (hours)	100 (LR03)*1 60 (Rechargeable battery)*1	140 (LR03)*1 100 (Rechargeable battery)*1	140 (LR03)*1 85 (Rechargeable battery)*1	200 (LR03)*1	200 (LR03)*1	230 (LR03)*1	230 (LR03)*1
Approximate battery life Backup (years)	—	—	—	—	—	—	—
Dimensions H×W×D (mm)	21.1 × 89 × 20.6	21 × 84 × 189.5	20.6 × 89.5 × 188.5	21.2 × 91.5 × 184	21.2 × 91.5 × 184	21.3 × 87.5 × 180.5	21.3 × 87.5 × 180.5
Approximate weight (g)	315	260	230	225	220	205	205
Case style	Snap-on hard	Snap-on hard	Snap-on hard	Slide-on hard	Slide-on hard	Slide-on hard	Slide-on hard
Display	528 × 320 dots/ color	240 × 160 dots/ monochrome	216 × 384 dots/ color	64 × 128 dots/ monochrome	64 × 128 dots/ monochrome	64 × 128 dots/ monochrome	64 × 128 dots/ monochrome
Display capacity (characters)	25 × 15	20 × 17	21 × 8	21 × 8	21 × 8	21 × 8	21 × 8
Mantissa + exponent digits	10 + 3	10 + 3	10 + 2	10 + 2	10 + 2	10 + 2	10 + 2
Icon menus	●	●	●	●	●	●	●
Internal operation digits	15	15	15	15	15	15	15
Nested parentheses levels	Up to memory	Up to memory	26	26	26	26	26
Programming Functions							
Program logic	● (BASIC-like)	● (BASIC-like)	● (BASIC-like)	● (BASIC-like)	● (BASIC-like)	● (BASIC-like)	● (BASIC-like)
Memory (bytes)	515,000	515,000	61,000	62,000	62,000	62,000	20,000
Program areas	Up to memory	Up to memory	Up to memory	Up to memory	Up to memory	Up to memory	Up to memory
Storage memory area (Flash memory)	5.5MB Flash ROM for eActivity, 24MB USB Flash Drive	5.5MB Flash ROM for eActivity, 6MB USB Flash Drive	16MB	1.5MB	1.5MB	—	—
Utilities							
Built-in formulas	—	—	—	—	—	—	—
Natural textbook display / NATURAL-V.P.A.M.	●	●	●	●	●	●	●
Key rollover function	●	●	●	●	●	●	●
Replay function	(History)	(History)	●	●	●	●	●
Multi-replay functions	(History)	(History)	●	●	●	●	●
Replay copy	●	●	●	●	●	●	●
Backspace	●	●	●	●	●	●	●
CALC function	—	—	—	—	—	—	—
SOLVE function	●	●	●	●	●	●	●
Answer function	●	●	●	●	●	●	●
Variables	Up to memory	Up to memory	28	28	28	28	28
Auto power off	●	●	●	●	●	●	●
Special Features							
Base- <i>n</i> calculations (Binary/Octal/Hexadecimal)	●	●	●	●	●	●	●
Logical operations	●	●	●	●	●	●	●
Engineering symbol calculations	●	●	●	●	●	●	●
Engineering notation (ENG/ENG)	—	—	●	●	●	●	●
Scientific constants	—	—	●	●	●	●	●
Metric conversions	—	—	●	●	●	●	●
CAS							
Computer Algebra System	●	●	—	—	—	—	—
Trigonometric, inverse trigonometric (sin/cos/tan/sin ⁻¹ /cos ⁻¹ /tan ⁻¹)	●	●	●	●	●	●	●
Hyperbolic, inverse hyperbolic (sinh/cosh/tanh/sinh ⁻¹ /cosh ⁻¹ /tanh ⁻¹)	●	●	●	●	●	●	●
Exponential, logarithmic (log, ln, 10 ^x , e ^x)	●	●	●	●	●	●	●
Base specified logarithmic	●	●	●	●	●	●	●
Power and radical root (x ^y /x [√])	●	●	●	●	●	●	●
Fraction	●	●	●	●	●	●	●
Percentage calculation (%)	●	●	●	●	●	●	●
Rounding	●	●	●	●	●	●	●
Simplification	—	—	●	●	●	●	●
Integer division	●	●	●	●	●	●	●
GCD/LCM	●	●	●	●	●	●	●
Sexagesimal ↔ decimal	●	●	●	●	●	●	●
Display format (FIX, SCI)	●	●	●	●	●	●	●
Angle unit (Deg, Rad, Grad)	●	●	●	●	●	●	●
Angle unit conversion (Deg, Rad, Grad)	● / ● / —	● / ● / —	●	●	●	●	●
Factorization into prime factors	—	—	—	—	—	—	—
Ratio calculation	—	—	—	—	—	—	—
Calculus							
Differentiation calculation	●	●	●	●	●	●	●
Integration calculation	●	●	●	●	●	●	●
Algebra							
Simultaneous equation	●	●	● (6 unknowns)	● (6 unknowns)	● (6 unknowns)	● (6 unknowns)	● (6 unknowns)
Polynomial equation	●	●	● (Degree 2-6)	● (Degree 2-6)	● (Degree 2-6)	● (Degree 2-6)	● (Degree 2-6)
Inequality calculation	●	●	—	—	—	—	—
Table function	●	●	●	●	●	●	●
Matrix calculations	●	●	●	●	●	●	●
Complex number calculation	●	●	●	●	●	●	●
Geometry							
Geometry application	●	●	● (Preloaded)	● (Preloaded)	● (Preloaded)	—	—
Coordinate conversion (Pol, Rec)	●	●	●	●	●	●	●
Vector calculations	●	●	—	—	—	—	—
Probability							
Combination, permutation (nCr, nPr)	●	●	●	●	●	●	●
Statistics							
Random numbers	●	●	●	●	●	●	●
Random integers	●	●	●	●	●	●	●
List-based STAT data editor	●	●	●	●	●	●	●
Standard deviation	●	●	●	●	●	●	●
Regression analysis	●	●	●	●	●	●	●
Linear regression	●	●	●	●	●	●	●
ab exponential regression	●	●	●	●	●	●	●
Advanced statistical distribution calculations	●	●	●	●	●	●	●
Other regressions	Med, Quad, Cubic, Quart, Log, Exp, Pwr, Sin, Lgst	Med, Quad, Cubic, Quart, Log, Exp, Pwr, Sin, Lgst	Med, Quad, Cubic, Quart, Log, Exp, Pwr, Sin, Lgst	Med, Quad, Cubic, Quart, Log, Exp, Pwr, Sin, Lgst	Med, Quad, Cubic, Quart, Log, Exp, Pwr, Sin, Lgst	Med, Quad, Cubic, Quart, Log, Exp, Pwr, Sin, Lgst	Med, Quad, Cubic, Quart, Log, Exp, Pwr, Sin, Lgst
Finance							
Financial functions	●	●	●	●	●	●	●
Spreadsheet							
Spreadsheet	●	●	●	●	●	—	—
Others							
eActivity	●	●	●	●	●	—	—
Data communication	●	●	●	●	●	●	●
Others	Picture Plot, 3D Graph, Horizontal screen view, DiffEq Graph, DPJ direct connection, Mass storage, Screen Receiver	Picture, Presentation, 3D Graph, DiffEq Graph, DPJ direct connection, Mass storage, Screen Receiver	Recursions, Graphical color display, Color Link, Picture Plot	Recursions, Backlight display	Recursions, Backlight display	Recursions	—

*1 Continuous operation (assuming 5 minutes calculation and 55 minutes display per hour) *2 Continuous display of main menu *3 1 hour use per day *4 Continuous display of flashing cursor *5 When left with power turned off *6 Changes when OS is updated

Scientific Calculators Specification Table

		Programmable Models				CLASSWIZ Models					
		fx-5800P	fx-50F II fx-50FH II	fx-3650P II	fx-4500PA	fx-82EX	fx-350EX	fx-570EX	fx-991EX	fx-82AR X	fx-95AR X
Specifications	Number of functions	664	406	308	242	274	274	552	552	275	304
	Power supply (Main)	AAA × 1 (LR03)	Two-way power (Solar + LR44 × 1)	Two-way power (Solar + LR44 × 1)	CR2032 × 1	AAA × 1 (R03)	AAA × 1 (LR03)	AAA × 1 (R03)	Two-way power (Solar + LR44 × 1)	AAA × 1 (R03)	AAA × 1 (R03)
	Power supply (Backup)	—	—	—	CR2032 × 1	—	—	—	—	—	—
	Approximate battery life Main (hours)	1 year*3	3 years (LR44)*3	3 years (LR44)*3	5,000*4	2 years*3	1 year*3	2 years*3	2 years (LR44)*3	2 years*3	2 years*3
	Approximate battery life Backup (years)	—	—	—	2	—	—	—	—	—	—
	Dimensions H×W×D (mm)	15.1 × 81.5 × 163	11.1 × 80 × 162	11.1 × 80 × 162	9.9 × 73 × 141.5	13.8 × 77 × 165.5	13.8 × 77 × 165.5	13.8 × 77 × 165.5	11.1 × 77 × 165.5	13.8 × 77 × 165.5	13.8 × 77 × 165.5
	Approximate weight (g)	150	95	95	85	100	100	100	90	100	100
	Case style	Integrated hard	Slide-on hard	Slide-on hard	Wallet	Slide-on hard	Slide-on hard	Slide-on hard	Slide-on hard	Slide-on hard	Slide-on hard
	Display	31 × 96 dots	5 × 7 dots × 16 digits	5 × 7 dots × 16 digits	5 × 7 dots × 12 digits	63 × 192 dots	63 × 192 dots	63 × 192 dots	63 × 192 dots	63 × 192 dots	63 × 192 dots
	Display capacity (characters)	16	16	16	12	17 / 32	17 / 32	17 / 32	17 / 32	17 / 32	17 / 32
	Mantissa + exponent digits	10 + 2	10 + 2	10 + 2	10 + 2	10 + 2	10 + 2	10 + 2	10 + 2	10 + 2	10 + 2
	Icon menus	—	—	—	—	●	●	●	●	●	●
Internal operation digits	15	15	15	12	15	15	15	15	15	15	
Nested parentheses levels	26	24	24	24	24	24	24	24	24	24	
Programming Functions	Program logic	● (BASIC-like)	● (BASIC-like)	● (BASIC-like)	●	—	—	—	—	—	—
	Memory (bytes)	28,500	680	390	1,103	—	—	—	—	—	—
	Program areas	Up to memory	4	4	Up to memory	—	—	—	—	—	—
	Storage memory area (Flash memory)	—	—	—	—	—	—	—	—	—	—
	Built-in formulas	128	23	—	—	—	—	—	—	—	—
Utilities	Natural textbook display / NATURAL-V.P.A.M.	●	—	—	—	●	●	●	●	●	●
	Key rollover function	●	●	●	●	●	●	●	●	●	●
	Replay function	●	●	●	●	●	●	●	●	●	●
	Multi-replay functions	●	●	●	—	—	—	—	—	—	—
	Replay copy	—	—	—	—	—	—	—	—	—	—
	Backspace	●	●	●	●	●	●	●	●	●	●
	CALC function	●	—	—	—	—	—	—	—	—	—
	SOLVE function	●	—	—	—	—	—	—	—	—	—
	Answer function	●	●	●	●	●	●	●	●	●	●
	Variables	26 - 2398	7	7	26 - 163	9	9	9	9	9	9
Auto power off	●	●	●	●	●	●	●	●	●	●	
Special Features	Base-n calculations (Binary/Octal/Hexadecimal)	●	●	●	●	—	—	—	—	—	—
	Logical operations	●	●	●	●	—	—	—	—	—	—
	Engineering symbol calculations	●	—	—	●	—	—	—	—	—	—
	Engineering notation (ENG/ENG)	—	—	—	—	—	—	—	—	—	—
	Scientific constants	40	40	—	—	—	—	47	47	—	—
Metric conversions	—	—	—	—	—	—	40	40	—	—	
CAS	Computer Algebra System	—	—	—	—	—	—	—	—	—	
Basic Functions	Trigonometric, inverse trigonometric (sin/cos/tan/sin ⁻¹ /cos ⁻¹ /tan ⁻¹)	●	●	●	●	●	●	●	●	●	●
	Hyperbolic, inverse hyperbolic (sinh/cosh/tanh/sinh ⁻¹ /cosh ⁻¹ /tanh ⁻¹)	●	●	●	●	●	●	●	●	●	●
	Exponential, logarithmic (log, ln, 10 ^e , e ^e)	●	●	●	●	●	●	●	●	●	●
	Base specified logarithmic	●	●	●	—	—	—	—	—	—	—
	Power and radical root (x ^y /x [√])	●	●	●	●	●	●	●	●	●	●
	Fraction	●	●	●	●	●	●	●	●	●	●
	Percentage calculation (%)	●	●	●	●	●	●	●	●	●	●
	Rounding	●	●	●	●	●	●	●	●	●	●
	Simplification	—	—	—	—	—	—	—	—	—	—
	Integer division	—	—	—	—	—	—	—	—	—	—
	GCD/LCM	—	—	—	—	—	—	—	—	—	—
	Sexagesimal ↔ decimal	●	●	●	●	●	●	●	●	●	●
	Display format (FIX, SCI)	●	●	●	●	●	●	●	●	●	●
	Angle unit (Deg, Rad, Grad)	●	●	●	●	●	●	●	●	●	●
	Angle unit conversion (Deg, Rad, Grad)	●	●	●	●	●	●	●	●	●	●
	Factorization into prime factors	—	—	—	—	—	—	—	—	—	—
	Ratio calculation	—	—	—	—	—	—	—	—	—	—
Calculus	Differentiation calculation	●	—	●	—	—	—	—	—	—	—
	Integration calculation	●	—	●	—	—	—	—	—	—	—
Algebra	Simultaneous equation	(5 unknowns)	—	—	—	—	—	(4 unknowns)	(4 unknowns)	—	(4 unknowns)
	Polynomial equation	(Degree 2, 3)	—	—	—	—	—	(Degree 2, 3, 4)	(Degree 2, 3, 4)	—	(Degree 2, 3, 4)
	Inequality calculation	—	—	—	—	—	—	—	—	—	—
	Table function	●	—	—	—	—	—	—	—	—	—
	Matrix calculations	● (Max 10×10)	—	—	—	—	—	—	—	—	—
	Complex number calculation	●	●	●	—	—	—	—	—	—	—
Geometry	Geometry application	—	—	—	—	—	—	—	—	—	—
	Coordinate conversion (Pol, Rec)	●	●	●	●	●	●	●	●	●	●
Probability	Vector calculations	—	—	—	—	—	—	—	—	—	—
	Combination, permutation (nCr, nPr)	●	●	●	●	●	●	●	●	●	●
Statistics	Random numbers	●	●	●	●	●	●	●	●	●	●
	Random integers	—	—	—	—	—	—	—	—	—	—
	List-based STAT data editor	●	●	●	●	●	●	●	●	●	●
	Standard deviation	●	●	●	●	●	●	●	●	●	●
	Regression analysis	●	●	●	●	●	●	●	●	●	●
	Linear regression	●	●	●	●	●	●	●	●	●	●
	ab exponential regression	●	●	●	—	—	—	—	—	—	—
	Advanced statistical distribution calculations	—	—	—	—	—	—	—	—	—	—
Other regressions	Log, Exp, Pwr, Inv, Quad	Log, Exp, Pwr, Inv, Quad	Log, Exp, Pwr, Inv, Quad	—	Log, Exp, Pwr, Inv, Quad	Log, Exp, Pwr, Inv, Quad	Log, Exp, Pwr, Inv, Quad	Log, Exp, Pwr, Inv, Quad	Log, Exp, Pwr, Inv, Quad	Log, Exp, Pwr, Inv, Quad	
Finance	Financial functions	—	—	—	—	—	—	—	—	—	—
	Spreadsheet	—	—	—	—	—	—	—	—	—	—
Others	eActivity	—	—	—	—	—	—	—	—	—	—
	Data communication	●	—	—	—	—	—	—	—	—	—
	Others	Recursions	—	—	—	—	—	QR Code	QR Code	—	—

*1 Continuous operation (assuming 5 minutes calculation and 55 minutes display per hour) *2 Continuous display of main menu *3 1 hour use per day *4 Continuous display of flashing cursor *5 When left with power turned off *6 Changes when OS is updated

Scientific Calculators Specification Table

		CLASSWIZ Models		Natural Textbook Display Models								
		fx-570AR X	fx-991AR X	fx-82ES PLUS	fx-85ES PLUS	fx-350ES PLUS	fx-95ES PLUS	fx-570ES PLUS	fx-991ES PLUS	fx-82LA PLUS	fx-350LA PLUS	
Specifications	Number of functions	542	542	252	252	252	274	417	417	252	252	
	Power supply (Main)	AAA × 1 (R03)	Two-way power (Solar + LR44 × 1)	AAA × 1 (R03)	Two-way power (Solar + LR44 × 1)	AAA × 1 (LR03)	AAA × 1 (R03)	AAA × 1 (R03)	Two-way power (Solar + LR44 × 1)	AAA × 1 (R03)	AAA × 1 (R03)	
	Power supply (Backup)	—	—	—	—	—	—	—	—	—	—	
	Approximate battery life Main (hours)	2 years*3	2 years (LR44)*3	17,000*4	3 years (LR44)*3	8,700*1	17,000*4	17,000*4	17,000*4	3 years (LR44)*3	17,000*4	8,700*1
	Approximate battery life Backup (years)	—	—	—	—	—	—	—	—	—	—	
	Dimensions H×W×D (mm)	13.8 × 77 × 165.5	11.1 × 77 × 165.5	13.8 × 80 × 162	11.1 × 80 × 162	13.8 × 80 × 162	13.8 × 80 × 162	13.8 × 80 × 162	13.8 × 80 × 162	11.1 × 80 × 162	13.8 × 80 × 162	13.8 × 80 × 162
	Approximate weight (g)	100	90	100	95	100	100	100	100	95	100	100
	Case style	Slide-on hard	Slide-on hard	Slide-on hard	Slide-on hard	Slide-on hard	Slide-on hard	Slide-on hard	Slide-on hard	Slide-on hard	Slide-on hard	Slide-on hard
	Display	63 × 192 dots	63 × 192 dots	31 × 96 dots	31 × 96 dots	31 × 96 dots	31 × 96 dots	31 × 96 dots	31 × 96 dots	31 × 96 dots	31 × 96 dots	31 × 96 dots
	Display capacity (characters)	17 / 32	17 / 32	16	16	16	16	16	16	16	16	16
	Mantissa + exponent digits	10 + 2	10 + 2	10 + 2	10 + 2	10 + 2	10 + 2	10 + 2	10 + 2	10 + 2	10 + 2	10 + 2
	Icon menus	●	●	—	—	—	—	—	—	—	—	—
Internal operation digits	15	15	15	15	15	15	15	15	15	15	15	
Nested parentheses levels	24	24	24	24	24	24	24	24	24	24	24	
Programming Functions	Program logic	—	—	—	—	—	—	—	—	—	—	
	Memory (bytes)	—	—	—	—	—	—	—	—	—	—	
	Program areas	—	—	—	—	—	—	—	—	—	—	
	Storage memory area (Flash memory)	—	—	—	—	—	—	—	—	—	—	
	Built-in formulas	—	—	—	—	—	—	—	—	—	—	
Utilities	Natural textbook display / NATURAL-V.P.A.M.	●	●	●	●	●	●	●	●	●	●	
	Key rollover function	●	●	●	●	●	●	●	●	●	●	
	Replay function	●	●	●	●	●	●	●	●	●	●	
	Multi-replay functions	●	●	●	●	●	●	●	●	●	●	
	Replay copy	—	—	—	—	—	—	—	—	—	—	
	Backspace	●	●	●	●	●	●	●	●	●	●	
	CALC function	●	●	—	—	—	—	—	—	—	—	
	SOLVE function	●	●	—	—	—	—	—	—	—	—	
	Answer function	●	●	●	●	●	●	●	●	●	●	
	Variables	9	9	9	9	9	9	9	9	9	9	
Auto power off	●	●	●	●	●	●	●	●	●	●		
Special Features	Base-n calculations (Binary/Octal/Hexadecimal)	●	●	—	—	—	—	—	—	—	—	
	Logical operations	●	●	—	—	—	—	—	—	—	—	
	Engineering symbol calculations	●	●	—	—	—	—	—	—	—	—	
	Engineering notation (ENG/ENG)	—	—	—	—	—	—	—	—	—	—	
	Scientific constants	47	47	—	—	—	—	40	40	—	—	
Metric conversions	40	40	—	—	—	—	40	40	—	—		
CAS	Computer Algebra System	—	—	—	—	—	—	—	—	—		
Basic Functions	Trigonometric, inverse trigonometric (sin/c											

Scientific Calculators Specification Table

	Natural Textbook Display Models		Standard Models						
	fx-570LA PLUS	fx-991LA PLUS	fx-82MS	fx-85MS	fx-350MS	fx-95MS	fx-100MS	fx-991MS	fx-570MS
Specifications									
Number of functions	417	417	240	240	240	244	300	401	401
Power supply (Main)	AAA x 1 (R03)	Two-way power (Solar + LR44 x 1)	AA x 1	Two-way power (Solar + LR44 x 1)	LR44 x 1	AA x 1	AA x 1	Two-way power (Solar + LR44 x 1)	LR44 x 1
Power supply (Backup)	—	—	—	—	—	—	—	—	—
Approximate battery life Main (hours)	17,000*4	3 years (LR44)*3	17,000*4/2 years*5	3 years (LR44)*3	9,000*4/3 years*5	17,000*4/2 years*5	17,000*4/2 years*5	3 years (LR44)*3	9,000*4/3 years*5
Approximate battery life Backup (years)	—	—	—	—	—	—	—	—	—
Dimensions HxWxD (mm)	13.8 x 80 x 162	11.1 x 80 x 162	18.6 x 85 x 156	12.2 x 85 x 155	12.2 x 85 x 155	19.5 x 78 x 155	20 x 78 x 155	12.7 x 78 x 154.5	12.7 x 78 x 154.5
Approximate weight (g)	100	95	125	100	100	130	133	105	105
Case style	Slide-on hard	Slide-on hard	Slide-on hard	Slide-on hard	Slide-on hard	Slide-on hard	Slide-on hard	Slide-on hard	Slide-on hard
Display	31 x 96 dots	31 x 96 dots	5 x 6 dots x 12 digits	5 x 6 dots x 12 digits	5 x 6 dots x 12 digits	5 x 6 dots x 12 digits	5 x 6 dots x 12 digits	5 x 6 dots x 12 digits	5 x 6 dots x 12 digits
Display capacity (characters)	16	16	12	12	12	12	12	12	12
Mantissa + exponent digits	10 + 2	10 + 2	10 + 2	10 + 2	10 + 2	10 + 2	10 + 2	10 + 2	10 + 2
Icon menus	—	—	—	—	—	—	—	—	—
Internal operation digits	15	15	15	15	15	15	15	15	15
Nested parentheses levels	24	24	24	24	24	24	24	24	24
Programming Functions									
Program logic	—	—	—	—	—	—	—	—	—
Memory (bytes)	—	—	—	—	—	—	—	—	—
Program areas	—	—	—	—	—	—	—	—	—
Storage memory area (Flash memory)	—	—	—	—	—	—	—	—	—
Built-in formulas	—	—	—	—	—	—	—	—	—
Utilities									
Natural textbook display / NATURAL-V.P.A.M.	•	•	—	—	—	—	—	—	—
Key rollover function	•	•	•	•	•	•	•	•	•
Replay function	•	•	•	•	•	•	•	•	•
Multi-replay functions	•	•	•	•	•	•	•	•	•
Replay copy	—	—	—	—	—	—	—	—	—
Backspace	•	•	•	•	•	•	•	•	•
CALC function	•	•	•	•	•	•	•	•	•
SOLVE function	•	•	•	•	•	•	•	•	•
Answer function	•	•	•	•	•	•	•	•	•
Variables	9	9	9	9	9	9	9	9	9
Auto power off	•	•	•	•	•	•	•	•	•
Special Features									
Base-n calculations (Binary/Octal/Hexadecimal)	•	•	—	—	—	—	—	—	—
Logical operations	•	•	•	•	•	•	•	•	•
Engineering symbol calculations	•	•	•	•	•	•	•	•	•
Engineering notation (ENG/ENG)	•	•	•	•	•	•	•	•	•
Scientific constants	40	40	—	—	—	—	—	40	40
Metric conversions	40	40	—	—	—	—	—	40	40
CAS									
Computer Algebra System	•	•	•	•	•	•	•	•	•
Basic Functions									
Trigonometric, inverse trigonometric (sin/cos/tan/sin ⁻¹ /cos ⁻¹ /tan ⁻¹)	•	•	•	•	•	•	•	•	•
Hyperbolic, inverse hyperbolic (sinh/cosh/tanh/sinh ⁻¹ /cosh ⁻¹ /tanh ⁻¹)	•	•	•	•	•	•	•	•	•
Exponential, logarithmic (log, ln, 10 ^x , e ^x)	•	•	•	•	•	•	•	•	•
Base specified logarithmic	•	•	•	•	•	•	•	•	•
Power and radical root (x ^y /x [√])	•	•	•	•	•	•	•	•	•
Fraction	•	•	•	•	•	•	•	•	•
Percentage calculation (%)	•	•	•	•	•	•	•	•	•
Rounding	•	•	•	•	•	•	•	•	•
Simplification	•	•	•	•	•	•	•	•	•
Integer division	•	•	•	•	•	•	•	•	•
GCD/LCM	•	•	•	•	•	•	•	•	•
Sexagesimal ↔ decimal	•	•	•	•	•	•	•	•	•
Display format (FIX, SCI)	•	•	•	•	•	•	•	•	•
Angle unit (Deg, Rad, Grad)	•	•	•	•	•	•	•	•	•
Angle unit conversion (Deg, Rad, Grad)	•	•	•	•	•	•	•	•	•
Factorization into prime factors	•	•	•	•	•	•	•	•	•
Ratio calculation	•	•	•	•	•	•	•	•	•
Calculus									
Differentiation calculation	•	•	•	•	•	•	•	•	•
Integration calculation	•	•	•	•	•	•	•	•	•
Algebra									
Simultaneous equation	(3 unknowns)	(3 unknowns)	—	—	—	(3 unknowns)	(3 unknowns)	(3 unknowns)	(3 unknowns)
Polynomial equation	(Degree 2, 3)	(Degree 2, 3)	—	—	—	(Degree 2, 3)	(Degree 2, 3)	(Degree 2, 3)	(Degree 2, 3)
Inequality calculation	•	•	•	•	•	•	•	•	•
Table function	•	•	•	•	•	•	•	•	•
Matrix calculations	•	•	•	•	•	•	•	•	•
Complex number calculation	•	•	•	•	•	•	•	•	•
Geometry									
Coordinate conversion (Pol, Rec)	•	•	•	•	•	•	•	•	•
Vector calculations	•	•	•	•	•	•	•	•	•
Probability									
Combination, permutation (nCr, nPr)	•	•	•	•	•	•	•	•	•
Statistics									
Random numbers	•	•	•	•	•	•	•	•	•
Random integers	•	•	•	•	•	•	•	•	•
List-based STAT data editor	•	•	•	•	•	•	•	•	•
Standard deviation	•	•	•	•	•	•	•	•	•
Regression analysis	•	•	•	•	•	•	•	•	•
Linear regression	•	•	•	•	•	•	•	•	•
ab exponential regression	•	•	•	•	•	•	•	•	•
Advanced statistical distribution calculations	•	•	•	•	•	•	•	•	•
Other regressions	Log, Exp, Pwr, Inv, Quad	Log, Exp, Pwr, Inv, Quad	Log, Exp, Pwr, Inv, Quad	Log, Exp, Pwr, Inv, Quad	Log, Exp, Pwr, Inv, Quad	Log, Exp, Pwr, Inv, Quad	Log, Exp, Pwr, Inv, Quad	Log, Exp, Pwr, Inv, Quad	Log, Exp, Pwr, Inv, Quad
Finance									
Financial functions	•	•	•	•	•	•	•	•	•
Spreadsheet									
Spreadsheet	•	•	•	•	•	•	•	•	•
Others									
eActivity	•	•	•	•	•	•	•	•	•
Data communication	•	•	•	•	•	•	•	•	•
Others	•	•	•	•	•	•	•	•	•

*1 Continuous operation (assuming 5 minutes calculation and 55 minutes display per hour) *2 Continuous display of main menu *3 1 hour use per day *4 Continuous display of flashing cursor *5 When left with power turned off *6 Changes when OS is updated

HEAVY DUTY CALCULATORS

Desk-Top Type



Compact Desk Type



Superb durability and functionality for demanding work requirements – HEAVY DUTY Calculators

Extra Large Display

JS-40B Actual size

Key Layout and Key Cap Shape

Keys are ergonomically shaped and configured to match natural finger movements.

Function Command Signs

Heavy-duty Durable Keys

Keys are produced by injecting plastic of two different colours. Key markings are plastic, which means they do not wear or fade with use.

**Excluding the [MEX], [TAX+], and [TAX-] keys.*

TWP (Two-Way Power)

Large rubber feet on the bottom of the calculator keep it from slipping during operation.

Silent Touch Keys

Keys are specially designed for silent operation when compared to previous CASIO calculators to help maintain a more pleasant working environment.

Three-Key Rollover

Key operations are stored in a buffer, so that nothing is lost even during high-speed input.

Model	Digits	Independent memory	GT	%	Profit margin %	✓	+/-	▶	3-digit comma markers	Tax calculation	Exchange calculation	5/4	Cut	Up	Decimal selector	ADD mode	Power supply	Dimensions HxWxD (mm)	Approximate weight (g)
DS-3B/2B/1B	14/12/10	•	•	•	•	•	•	•	•	•	•	•	•	•	0,1,2,3,4	•	Two-way power	40x140x189.5	305
JS-40B/20B/10B	14/12/10	•	•	•	•	•	•	•	•	•	•	•	•	•	0,1,2,3,4	•	Two-way power	21x109x176	190
JS-140TVS/120TVS	14/12	•	•	•	•	•	•	•	•	•	•	•	•	•	0,1,2,3,4	•	Two-way power	10x107x179	205

WIDE H SERIES

The Wide

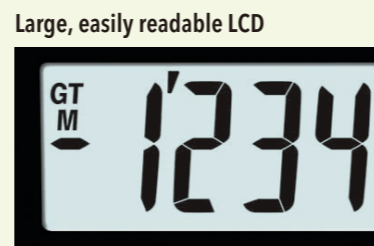
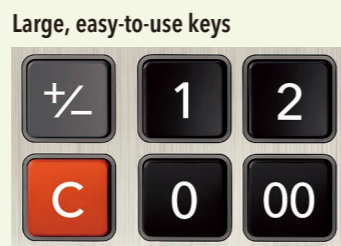
Wider for greater ease of operation



Calculators designed for ease of use



Golden ratio 1to1.618
Use of the golden ratio for the length and width of the key area in consideration of the user's viewing angle



Desk-Top Type



DH-160 **16** DIGITS
DH-140 **14** DIGITS
DH-120 **12** DIGITS



DH-16 **16** DIGITS
DH-14 **14** DIGITS
DH-12 **12** DIGITS

Mini Desk Type



MH-16 **16** DIGITS
MH-14 **14** DIGITS
MH-12 **12** DIGITS



DH-12-WE



MH-12-WE

Model	Digits	Independent memory	GT	%	MU	Key Rollover	+/-	3-digit comma markers	Tax calculation	5/4	Cut	Up	Decimal selector	ADD mode	Power supply	Dimensions H×W×D (mm)	Approximate weight (g)
DH-160/140/120	16/14/12	•	•	•	—	•	•	•	•	•	•	•	0,1,2,4	•	Two-way power (Solar+Battery)	28.5×151×159	185
DH-16/14/12	16/14/12	•	•	•	•	•	•	•	—	—	—	—	0,1,2,4	•	Two-way power (Solar+Battery)	28.5×151×159	180
MH-16/14/12	16/14/12	•	•	•	•	•	•	•	—	—	—	—	—	•	Two-way power (Solar+Battery)	27.6×127×136.5	125

WATER-PROTECTED AND DUST-PROOF CALCULATORS

Desk-Top Type



WD-320MT **12** DIGITS

Mini Desk Type



WM-320MT **12** DIGITS



Water-resistant and dust-resistant performance for reliable, worry-free use in wet or dusty locations and a new design featuring a detachable, washable keypad

* As the product is currently in development, the actual shape may differ from that shown here.

Revolutionary new washable design (WD-320MT / WM-320MT only)

Since the keypad can be detached and washed with water, the calculator can be kept clean, sanitary, and pleasant to use for many years.



* The photo shows the WM-320MT.

Desk-Top Type



WD-220MS-BU

WD-220MS-WE

WD-220MS **12** DIGITS

The keypad is non-detachable.

Mini Desk Type



WM-220MS-BU

WM-220MS-WE

WM-220MS **12** DIGITS

The keypad is non-detachable.



* Complies with IEC 60529 IP54 (water protect and dust proof)

Model	Digits	Independent memory	Cost Sell Margin	GT	%	Profit margin %	+/-	3-digit comma markers	Tax calculation	Power supply	Dimensions H×W×D (mm)	Approximate weight (g)
WD-320MT	12	•	•	•	•	•	•	•	•	Two-way power	35.6×144.5×194.5	255
WM-320MT	12	•	•	•	•	•	•	•	•	Two-way power	33.4×108.5×168.5	175
WD-220MS	12	•	•	•	•	•	•	•	•	Two-way power	34×139×187.5	255
WM-220MS	12	•	•	•	•	•	•	•	•	Two-way power	34.6×104×153.5	135



Take your choice!

Mini Desk Type MS-20NC 12 DIGITS



MS-20NC-WE MS-20NC-GN MS-20NC-BU MS-20NC-RG MS-20NC-RD MS-20NC-PK MS-20NC-BRD MS-20NC-BRG MS-20NC-BYW MS-20NC-BK

Mini Desk Type MS-6NC 8 DIGITS



Portable Type SL-300NC 8 DIGITS



Portable Type SL-100NC 8 DIGITS



Model	Digits	Independent memory	%	Profit margin %	✓	+/-	▶	3-digit comma markers	Time calculation	Tax calculation	Exchange calculation	Power supply	Dimensions H×W×D (mm)	Approximate weight (g)	Case
MS-20NC	12	•	•	•	•	•	•	•	—	•	•	Two-way power	22.1×104.5×149.5	125	—
MS-6NC	8	•	•	•	—	•	—	•	—	•	—	Two-way power	19.2×87×120.5	70	—
SL-300NC	8	•	•	•	•	•	•	•	•	•	•	Two-way power	8×70×118.5	50	Wallet
SL-100NC	8	•	•	•	—	•	•	•	—	•	—	Two-way power	Ⓢ13.5×91×55 Ⓣ9.4×91×110.5	55	—

Ⓢ/Ⓣ Folded / Unfolded

STYLISH CALCULATORS

Desk-Top Type DW-200TW (12 DIGITS)



Compact Desk Type JW-200TW (12 DIGITS)



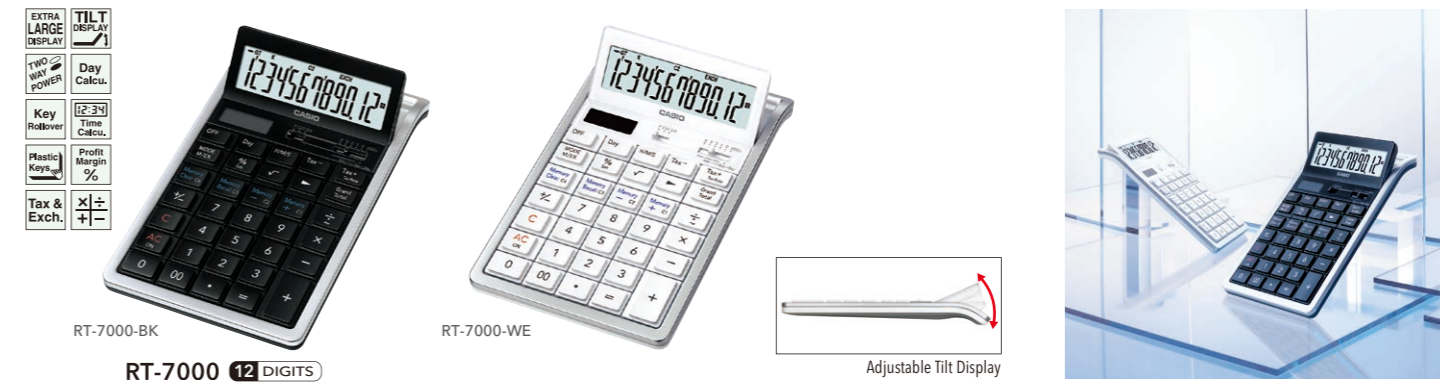
Portable Type SL-1000TW (10 DIGITS)



Model	Digits	Independent memory	GT	%	Profit margin %	✓	+/-	3-digit comma markers	Time calculation	Tax calculation	Exchange calculation	Cost Sell Margin	5/4	Cut	Decimal selector	ADD mode	Power supply	Dimensions H×W×D (mm)	Approximate weight (g)	Case
DW-200TW	12	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	Two-way power	32.7×122.5×177.5	195	—
JW-200TW	12	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	Two-way power	26.1×107×178.5	170	—
SL-1000TW	10	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	Two-way power	8.5×70×118.5	60	Wallet

THE DESIGNER CALCULATORS

Compact Desk Type



DUAL DISPLAY CALCULATORS

Desk-Top Type



Compact Desk Type



Mini Desk Type



The calculator with large and small LCD displays for easier operation.

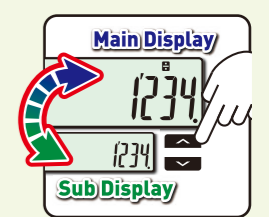
NOTE

Press these keys to copy values from one display to the other for future reference. There's no need to jot down numbers on paper.



Assistant Display Function

Use the two displays to view tax calculation, currency conversion, and cost/sell/margin calculation results.



Dual Calculation

Press this key to jump between displays to perform two different calculations simultaneously.

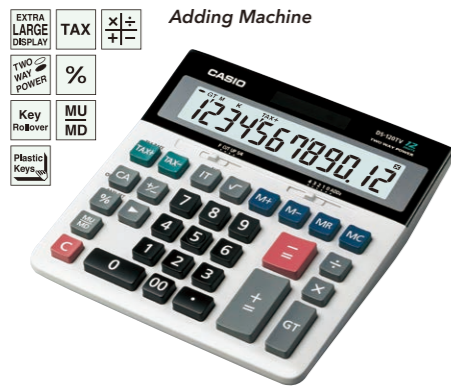
The Designer Calculators

Model	Digits	Independent memory	GT	%	Profit margin %	✓	+/-	3-digit comma markers	Time calculation	Tax calculation	Exchange calculation	5/4	Cut	Decimal selector	ADD mode	Power supply	Dimensions H×W×D (mm)	Approximate weight (g)	Others
RT-7000	12	•	•	•	•	•	•	•	•	•	•	•	•	0,1,2,3,4	•	Two-way power	19.7×108.5×180	250	Day/Date Calculations

Dual Display Calculators

Model	Digits	Independent memory	Cost Sell Margin	GT	%	Profit margin %	+/-	3-digit comma markers	Tax calculation	Exchange calculation	5/4	Cut	Up	Decimal selector	ADD mode	Power supply	Dimensions H×W×D (mm)	Approximate weight (g)
DV-220	12	• NOTE	•	•	•	•	•	•	•	•	•	•	•	0,1,2,3,4	•	Two-way power	35.4×135.5×187	255
JV-220	12	• NOTE	•	•	•	•	•	•	•	•	•	•	•	0,1,2,3,4	•	Two-way power	26.5×107×180.5	195
MV-210	10	• NOTE	•	•	•	•	•	•	•	•	•	•	•	—	•	Two-way power	31.5×111×146	160

Desk-Top Type



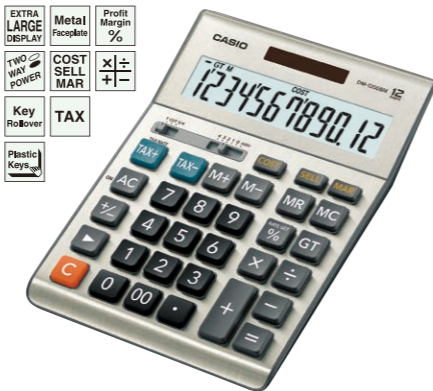
DS-120TV 12 DIGITS



DM-1600B 16 DIGITS



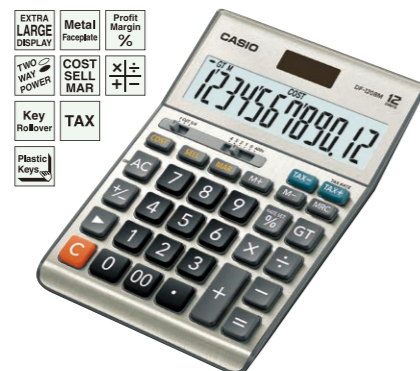
DM-1400B 14 DIGITS



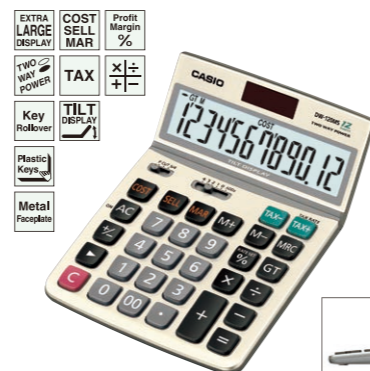
DM-1200BM 12 DIGITS



D-120B 12 DIGITS



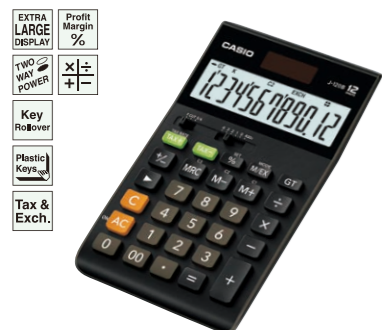
DF-120BM 12 DIGITS



DW-120MS 12 DIGITS



Compact Desk Type



J-120B 12 DIGITS



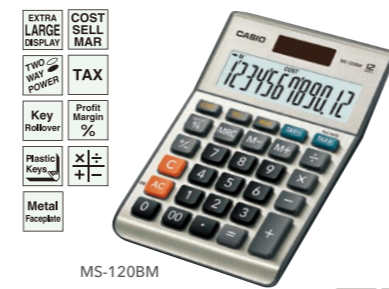
JF-120BM 12 DIGITS



JW-120MS 12 DIGITS



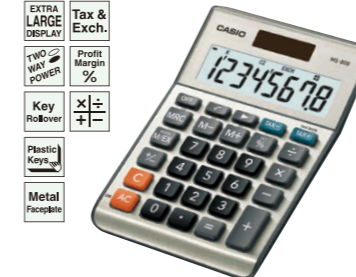
Mini Desk Type



MS-120BM 12 DIGITS
MS-100BM 10 DIGITS



MS-20B 12 DIGITS
MS-10B 10 DIGITS



MS-80B 8 DIGITS



MS-8B 8 DIGITS



MW-8V 8 DIGITS



MW-8V-WE



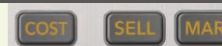
MW-5V-BK



MW-5V 8 DIGITS

Easy calculation of cost, selling price and margin.

(DM-1200BM / DF-120BM / DW-120MS / JF-120BM / JW-120MS / MS-120BM / MS-100BM)



Cost

What is the cost of an item that sells for \$150 after a 30% margin is added?

- AC 150 SELL 150.
- 30 MAR 30.
- MAR 45.
- COST 105.

Selling Price

What would the selling price be for an item that costs \$120 after a 40% margin is added?

- AC 120 COST 120.
- 40 MAR 40.
- MAR 80.
- SELL 200.

Margin

What is the margin on an item that costs \$1,000 and sells for \$2,000?

- AC 1000 COST 1'000.
- 2000 SELL 2'000.
- MAR 50.

Model	Digits	Adding machine	Independent memory	Cost Sell Mar	GT	%	Profit margin %	MU	MD	+/-	3-digit comma markers	Tax calculation	Exchange calculation	5/4	Cut	Up	Decimal selector	ADD mode	Power supply	Approximate battery life (years)	Dimensions H×W×D (mm)	Approximate weight (g)
DS-120TV	12	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	0,1,2,3,4	•	Two-way power	—	40.9×184×186	300
DM-1600B	16	—	2	—	•	•	•	•	•	•	•	•	•	•	•	•	0,1,2,4	•	Two-way power	—	36.3×155×209	265
DM-1400B	14	—	2	—	•	•	•	•	•	•	•	•	•	•	•	•	0,1,2,4	•	Two-way power	—	36.3×155×209	265
DM-1200BM	12	—	•	•	•	•	•	•	•	•	•	•	•	•	•	•	0,1,2,3,4	•	Two-way power	—	36.3×155×209	265
D-120B	12	—	•	•	•	•	•	•	•	•	•	•	•	•	•	•	0,1,2,3,4	•	Two-way power	—	32.6×126.5×179.5	165
DF-120BM	12	—	•	•	•	•	•	•	•	•	•	•	•	•	•	•	0,1,2,3,4	•	Two-way power	—	32.6×126.5×179.5	180
DW-120MS	12	—	•	•	•	•	•	•	•	•	•	•	•	•	•	•	0,1,2,3,4	•	Two-way power	—	32.7×122.5×177.5	195
J-120B	12	—	•	•	•	•	•	•	•	•	•	•	•	•	•	•	0,1,2,3,4	•	Two-way power	—	25.4×107×177.5	140
JF-120BM	12	—	•	•	•	•	•	•	•	•	•	•	•	•	•	•	0,1,2,3,4	•	Two-way power	—	25.4×107×177.5	150
JW-120MS	12	—	•	•	•	•	•	•	•	•	•	•	•	•	•	•	0,1,2,3,4	•	Two-way power	—	26.1×107×178.5	170
MS-120BM/100BM	12/10	—	•	•	•	•	•	•	•	•	•	•	•	•	•	•	—	•	Two-way power	—	28.8×103×147	115
MS-80B	8	—	•	•	•	•	•	•	•	•	•	•	•	•	•	•	—	•	Two-way power	—	28.8×103×147	115
MS-20B/10B	12/10	—	•	•	•	•	•	•	•	•	•	•	•	•	•	•	—	•	Two-way power	—	28.8×103×147	110
MS-8B	8	—	•	•	•	•	•	•	•	•	•	•	•	•	•	•	—	•	Two-way power	—	28.8×103×147	110
MW-8V	8	—	•	•	•	•	•	•	•	•	•	•	•	•	•	•	—	•	AA (LR6 or R6P) x1	2	28.8×103×145	120
MW-5V	8	—	•	•	•	•	•	•	•	•	•	•	•	•	•	•	—	•	AA (LR6 or R6P) x1	2	25.1×84×118	85

LR6=AM3, R6P=UM-3

Portable Type



LC-1000TV 10 DIGITS



LC-401LV 8 DIGITS



LC-401LV-WE



LC-403TV 8 DIGITS



LC-160LV-BK



LC-160LV-WE



SL-340VA 14 DIGITS



SL-320TV



SL-300TV 8 DIGITS



SL-300LV 8 DIGITS



SL-240LB 14 DIGITS



SL-220TE 12 DIGITS



SL-210TE 10 DIGITS



SL-100L 8 DIGITS

Portable Type



SL-797TV 8 DIGITS



SL-797TV-BK



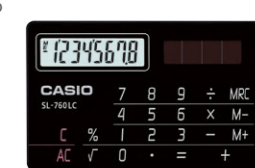
SL-787TV-GD



SL-787TV-BK



SL-760LC-GD



SL-760LC-BK



HL-122TV 12 DIGITS



HL-100LB 10 DIGITS



HL-820VA 8 DIGITS



HL-820LV 8 DIGITS



HL-820LV-WE



HL-815L 8 DIGITS



HL-815L-WE



HL-4A 8 DIGITS



HS-8VA 8 DIGITS



HS-8LV 8 DIGITS



HS-8LV-WE

Model	Digits	Independent memory	GT	%	Profit margin %	✓	+/-	▶	3-digit comma markers	Time calculation	Tax calculation	Exchange calculation	5/4	Cut	Decimal selector	Power supply	Approximate battery life (hours)	Dimensions H×W×D (mm)	Approximate weight (g)	Case
LC-1000TV	10	•	—	•	•	—	•	—	—	—	—	—	—	—	—	LR54×1	3 yrs.	7.5×70×118.5	50	Wallet
LC-401LV	8	•	—	•	•	—	•	—	—	—	—	—	—	—	—	LR54×1	4,500	① 10.7×75×120 ② 7.3×151.5×120	70	Hard
LC-403TV	8	•	—	•	•	—	•	—	—	—	—	—	—	—	—	LR54×1	3 yrs.	7.5×70×118.5	50	Wallet
LC-160LV	8	•	—	•	•	—	•	—	—	—	—	—	—	—	—	LR54×1	6,500	① 10×87×58 ② 8×87×117.5	35	Hard
SL-340VA	14	•	—	•	•	—	•	—	—	—	—	—	—	—	—	Two-way power	—	7.5×70×118.5	50	Wallet
SL-320TV	12	•	—	•	•	—	•	—	—	—	—	—	—	—	—	Two-way power	—	7.5×70×118.5	50	Wallet
SL-315TV	10	•	—	•	•	—	•	—	—	—	—	—	—	—	—	Two-way power	—	7.5×70×118.5	50	Wallet
SL-300TV	8	•	—	•	•	—	•	—	—	—	—	—	—	—	—	Two-way power	—	7.5×70×118.5	50	Wallet
SL-300LV	8	•	—	•	•	—	•	—	—	—	—	—	—	—	—	Two-way power	—	7.5×70×118.5	50	Wallet
SL-240LB	14	•	•	•	•	•	•	•	•	•	•	•	•	•	•	Two-way power	—	① 12.5×120×73 ② 6.5×120×141	76	—
SL-220TE	12	•	—	•	•	—	•	—	—	—	—	—	—	—	—	Two-way power	—	① 12.5×120×73 ② 6.5×120×141	76	—
SL-210TE	10	•	—	•	•	—	•	—	—	—	—	—	—	—	—	Two-way power	—	① 12.5×120×73 ② 6.5×120×141	75.5	—
SL-200TE	8	•	—	•	•	—	•	—	—	—	—	—	—	—	—	Two-way power	—	① 12.5×120×73 ② 6.5×120×141	76	—
SL-100L	8	•	—	•	•	—	•	—	—	—	—	—	—	—	—	Two-way power	—	① 13.5×91×55 ② 9.4×91×110.5	55	—

LR54=LR1130

① Folded ② Unfolded

Model	Digits	Independent memory	GT	%	Profit margin %	MU	✓	+/-	▶	3-digit comma markers	Tax calculation	Exchange calculation	5/4	Cut	Decimal selector	Power supply	Approximate battery life (hours)	Dimensions H×W×D (mm)	Approximate weight (g)	Case
SL-797TV	8	•	—	•	•	—	—	—	—	—	—	—	—	—	—	Two-way power	—	6.9×57×102	35	Wallet
SL-787TV	8	•	—	•	•	—	—	—	—	—	—	—	—	—	—	Two-way power	—	6.3×91.5×58	30	Wallet
SL-760LC	8	•	—	•	•	—	—	—	—	—	—	—	—	—	—	Solar	—	2.9×85.5×54	15	Soft
HL-122TV	12	•	•	•	•	—	•	•	•	•	•	•	•	•	•	AA (LR6 or R6P)×1	17,500	19.5×77×141	115	Soft
HL-100LB	10	•	—	•	•	—	—	—	—	—	—	—	—	—	—	AA (LR6 or R6P)×1	2 yrs.	18×69.5×118	65	—
HL-820VA	8	•	—	•	•	—	•	—	—	—	—	—	—	—	—	LR54×1	2 yrs.	6.9×57×102	35	Wallet
HL-820LV	8	•	—	•	•	—	•	—	—	—	—	—	—	—	—	LR54×1	6,500	① 10×62.5×104 ② 7.5×127×104	45	Hard
HL-815L	8	•	—	•	•	—	•	—	—	—	—	—	—	—	—	AA (LR6 or R6P)×1	2 yrs.	18×69.5×118	65	—
HL-4A	8	•	—	•	•	—	•	—	—	—	—	—	—	—	—	LR54×1	6,500	8.8×56×87	25	—
HS-8VA	8	•	—	•	•	—	•	—	—	—	—	—	—	—	—	Two-way power	—	6.9×57×102	35	Wallet
HS-8LV	8	•	—	•	•	—	•	—	—	—	—	—	—	—	—	Two-way power	—	6.7×57×102	35	Wallet

LR54=LR1130
LR6=AM3, R6P=UM-3

① Folded ② Unfolded

VALUE SERIES

Desk-Top Type



GX-16B 16 DIGITS

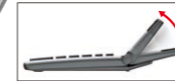


GX-14B 14 DIGITS

Compact Desk Type



AX-120ST 12 DIGITS



Adjustable Tilt Display



AX-120B 12 DIGITS



AX-12B 12 DIGITS

Mini Desk Type



MX-120B 12 DIGITS



MX-12B 12 DIGITS



MX-12B-WE



MX-8B 8 DIGITS

Portable Type



SX-320P 12 DIGITS



SX-300P 8 DIGITS



SX-300 8 DIGITS



SX-220 12 DIGITS



SX-100 8 DIGITS



DX-120ST 12 DIGITS



Adjustable Tilt Display



DX-120B 12 DIGITS



DX-12B 12 DIGITS



DX-12B-WE

Model	Digits	Independent memory	GT	%	MU	✓	+/-	▶	3-digit comma markers	Item counter	5/4	Cut	Up	Decimal selector	ADD mode	Power supply	Dimensions H×W×D (mm)	Approximate weight (g)
GX-16B	16	2	—	•	•	•	•	•	•	•	•	•	•	0,1,2,4	•	Two-way power	34.3×159×207.5	245
GX-14B	14	2	—	•	•	•	•	•	•	•	•	•	•	0,1,2,4	•	Two-way power	34.3×159×207.5	245
GX-120B	12	2	—	•	•	•	•	•	•	•	•	•	•	0,1,2,4	•	Two-way power	34.3×159×207.5	260
GX-12B	12	2	—	•	•	•	•	•	•	•	•	•	•	0,1,2,4	•	Two-way power	34.3×159×207.5	245
DX-120ST	12	•	•	•	•	•	•	•	•	•	•	•	•	0,1,2,4	•	Two-way power	32.7×122.5×177.5	195
DX-120B	12	•	•	•	•	•	•	•	•	•	•	•	•	0,1,2,4	•	Two-way power	33.2×129×175.5	185
DX-12B	12	•	•	•	•	•	•	•	•	•	•	•	•	0,1,2,4	•	Two-way power	33.2×129×175.5	180

Model	Digits	Independent memory	GT	%	MU	✓	+/-	▶	3-digit comma markers	5/4	Cut	Up	Decimal selector	ADD mode	Power supply	Dimensions H×W×D (mm)	Approximate weight (g)	Case	
AX-120ST	12	•	•	•	•	•	•	•	•	•	•	•	•	0,1,2,4	•	Two-way power	26.1×107×178.5	170	—
AX-120B	12	•	•	•	•	•	•	•	•	•	•	•	•	0,1,2,4	•	Two-way power	25×110.5×175.5	150	—
AX-12B	12	•	•	•	•	•	•	•	•	•	•	•	•	0,1,2,4	•	Two-way power	25×110.5×175.5	150	—
MX-120B	12	•	—	•	•	•	•	•	•	•	•	•	•	—	•	Two-way power	29×106.5×147	115	—
MX-12B	12	•	—	•	•	•	•	•	•	•	•	•	•	—	•	Two-way power	29×106.5×147	115	—
MX-8B	8	•	—	•	•	•	•	•	•	•	•	•	•	—	•	Two-way power	29×106.5×147	115	—
SX-320P	12	•	•	•	•	•	•	•	•	•	•	•	•	—	•	Two-way power	7.5×70×118.5	50	Wallet
SX-300P	8	•	•	•	•	•	•	•	•	•	•	•	•	—	•	Two-way power	7.5×70×118.5	50	Wallet
SX-300	8	•	•	•	•	•	•	•	•	•	•	•	•	—	•	Two-way power	7.5×70×118.5	50	Wallet
SX-220	12	•	•	•	•	•	•	•	•	•	•	•	•	—	•	Two-way power	Ⓞ 12.5×120×73 Ⓞ 6.5×120×141	80	—
SX-100	8	•	•	•	•	•	•	•	•	•	•	•	•	—	•	Two-way power	Ⓞ 13.5×91×55 Ⓞ 9.4×91×110.5	55	—

Ⓞ Folded Ⓞ Unfolded

The ideal label printer for a variety of labeling applications

Labels stay securely in place!

Uses tape that stays firmly in place and is suitable for wide-ranging applications



Convenient for high-volume printing! (KL-G2/7400* only)

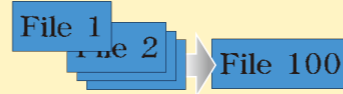
Auto cutter with half-cut function

Slits only the tape for easy removal from the backing paper
* Continuous printing of up to 100 labels is possible.



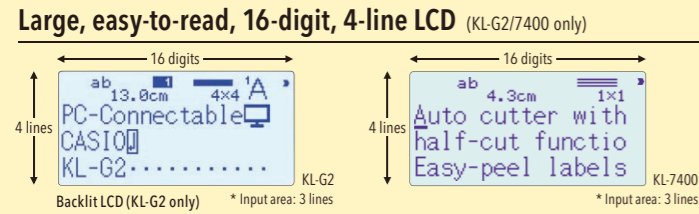
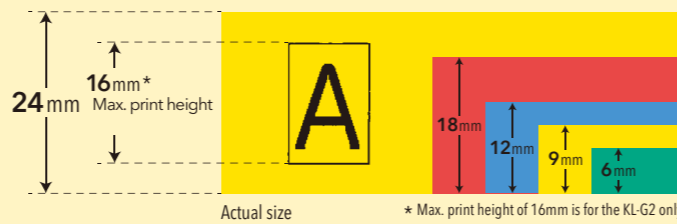
Numbering (KL-G2/7400/820* only)

The consecutive number printing function comes in handy when you're producing large numbers of labels.



* KL-G2/7400: Numbering from 0 to 99,999. You can print up to 100 numbered labels per print operation.
* KL-820: Numbering from 0 to 999. You can print up to 9 numbered labels per print operation.

Wide variety of colours and sizes (24mm tape is for the KL-G2/7400/820 only)

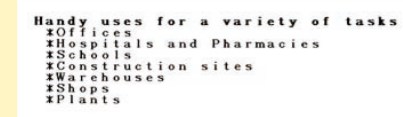


Makes attractive labels



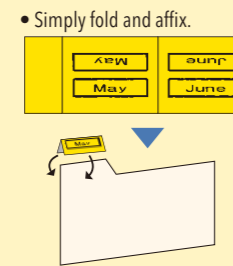
Choose from a wide range of fonts, illustrations and symbols!

Prints up to 8 lines (24 or 18 mm tape) (KL-G2 only)



Index Label (24mm tape is for the KL-G2 only)

Printing out index labels to add titles and organise files helps make things easy to find.



Barcode Printing (12 mm or wider tape) (KL-G2/7400/820/130 only)

Print barcodes easily. Attach to places such as shelves for easy and effective product management.



Highly efficient input, printing, and tape cutting



KL-G2 NEW Accepts 24mm tape

- Large, easy-to-read, 16-digit, 4-line LCD * Input area: 3 lines
- Accepts 24, 18, 12, 9 and 6mm tape widths
- Prints up to 8 lines (24 or 18mm tape)
- 16mm print head / 200 dpi resolution
- Auto cutter with half-cut function
- Designed logo printing
- Barcode printing
- 642 illustrations and symbols
- Numbering

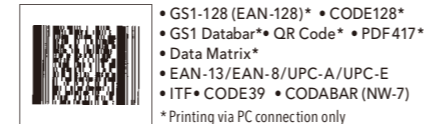
8 installed fonts



642 illustrations and symbols



Barcode printing for your business



PC-connectable (via USB)



Layout capabilities

PC font printing



Multiple languages



PC software operating environment

- OS: Microsoft® Windows® 10/Windows® 8/Windows® 7/Windows Vista®/Windows® XP SP3 (32 bit)
- PC: • At least 1 GB of memory (512 MB minimum for XP)
• USB port as standard equipment • CD drive (for installation)

Printing speed of 20mm/sec (twice the previous speed)

Twice the printing speed of previous models with no loss of printing quality. Increases work efficiency by reducing label production time!
* Compared to the CASIO KL-7400, when using the AC adaptor.

Auto cutter with half-cut function

Multifunction model with half-cut function that's handy for high-volume label printing



KL-7400

Accepts 24mm tape

- Large, easy-to-read, 16-digit, 4-line LCD * Input area 3 lines
- Accepts 24, 18, 12, 9 and 6mm tape widths
- Prints up to 6 lines (24 or 18mm tape)
- 12mm print head / 200 dpi resolution
- Auto cutter with half-cut function
- Designed logo printing
- Barcode printing
- 519 illustrations and symbols
- Numbering

519 illustrations and symbols



Easy label printing anywhere



KL-HD1 NEW

- Easy-to-read, 12-digit, 1-line LCD
- Accepts 18, 12, 9 and 6mm tape widths
- 12mm print head / 200 dpi resolution
- Designed logo printing
- 427 illustrations and symbols

Compact with powerful functions



KL-130 NEW

- Easy-to-read, 12-digit, 1-line LCD
- Accepts 18, 12, 9 and 6mm tape widths
- 12mm print head / 200 dpi resolution
- Designed logo printing
- Barcode printing
- 293 illustrations and symbols

2-WAY power supply



AC adaptor * AC adaptor sold separately



AA alkaline batteries

Multifunction model that handles tape widths up to 24mm



KL-820

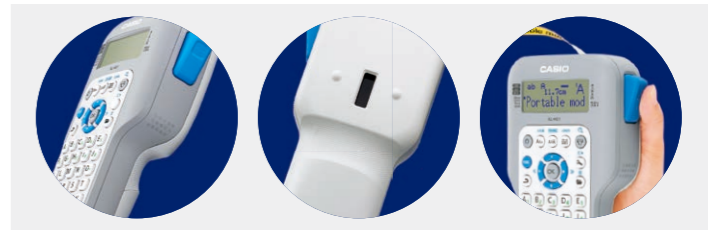
Accepts 24mm tape

- 16-digit, 4-line LCD * Input area 3 lines
- Accepts 24, 18, 12, 9 and 6mm tape widths
- 12mm print head / 200 dpi resolution
- Designed logo printing
- Barcode printing
- 87 special characters and symbols
- Numbering

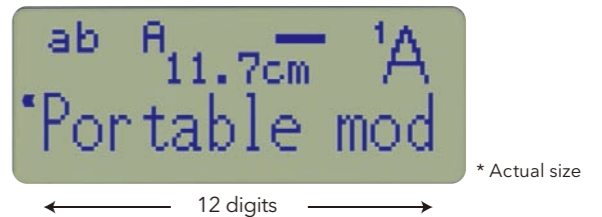
Prints up to 3 lines (24 or 18mm tape)



Sure-grip body for excellent usability



Display with easy-to-read text



* Actual size

60 Designed logo printing

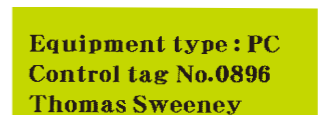


* Available in 8 languages (English / Spanish / German / French / Italian / Swedish / Portuguese / Indonesian)
* Comes with a variety of installed fonts and designs. See the website for details.

8 installed fonts



Prints up to 3 lines (18 mm tape)



* Actual size

Barcode printing for your business



• EAN-13/EAN-8 • UPC-A/UPC-E
• ITF • CODE39 • CODABAR (NW-7)



Compact model KL-120

- 16-digit, 2-line LCD
- Accepts 18, 12, 9 and 6mm tape widths
- 12mm print head / 200 dpi resolution
- Prints up to 2 lines (18 or 12mm tape)
- Print preview
- 3 character effects



Basic model KL-60

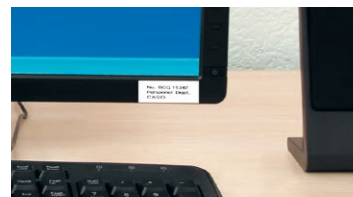
- 4-digit, 1-line LCD
- Accepts 12, 9 and 6mm tape widths
- 5mm print head / 160 dpi resolution
- Prints up to 2 lines (12 or 9mm tape)
- 3 character effects (Shading, Underline, Box)



A varied selection of label tapes for use almost anywhere

Colour Tape

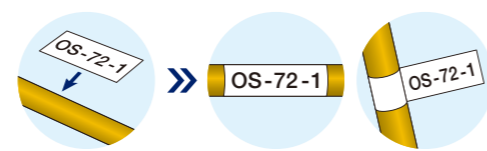
This standard labelling tape comes in a wide variety of colours. Using labels colour-coded according to the objects to be labeled or their purpose makes it easy to organise and manage things.



Cable Flexible Tape

This tape conforms to curved surfaces such as cables and bottles.

* Suitable for use with USB cables and other cables with connectors



Heat Shrink Tube

These fabric tubes shrink when heat is applied. Pass a cable through a tube and apply hot air using an industrial hot-air gun to shrink the tube to fit the cable.

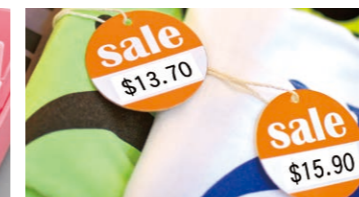
- * Suitable for use with conductor wire without connectors and other cables of smaller diameter than the tubes
- * Tubes shrink when hot air of from 90°C to 270°C is applied.



Paper Tape

This is affordable paper tape.

* Use indoors away from direct sunlight.



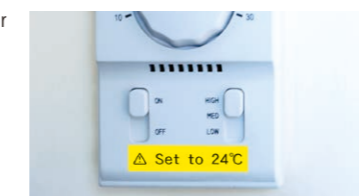
High-Strength Adhesive Tape

A high-strength adhesive ensures that labels adhere firmly and do not peel off.



Fluorescent Tape

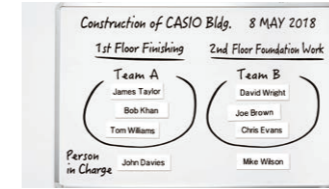
These fluorescent coloured tapes are great for producing labels with high visual impact.



Magnetic Tape

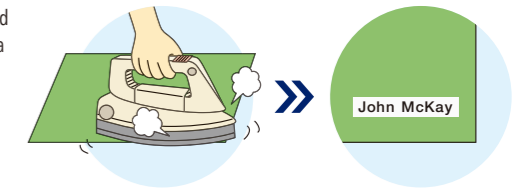
The back of the tape is magnetized, so labels can be attached to whiteboards, fridges, and other metallic surfaces.

* For use with models KL-G2 and KL-7400 only



Iron-On Fabric Tape

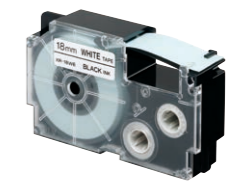
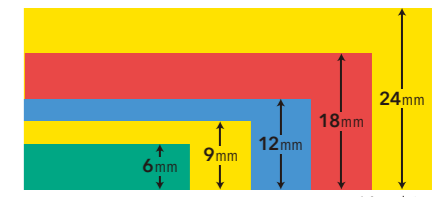
This tape can be attached directly to fabrics using a clothes iron.



Tape Lineup

	Width	24mm	18mm	12mm	9mm	6mm
Colour Tape [8m]	BLACK on WHITE	XR-24WE1	XR-18WE1	XR-12WE1	XR-9WE1	XR-6WE1
	BLACK on CLEAR	XR-24X1	XR-18X1	XR-12X1	XR-9X1	XR-6X1
	BLACK on RED	XR-24RD1	XR-18RD1	XR-12RD1	XR-9RD1	XR-6RD1
	BLACK on YELLOW	XR-24YW1	XR-18YW1	XR-12YW1	XR-9YW1	XR-6YW1
	BLACK on BLUE	XR-24BU1	XR-18BU1	XR-12BU1	XR-9BU1	-
	BLACK on GREEN	XR-24GN1	XR-18GN1	XR-12GN1	XR-9GN1	XR-6GN1
	BLACK on GOLD	-	XR-18GD1	XR-12GD1	XR-9GD1	-
	BLACK on SILVER	-	XR-18SR1	XR-12SR1	XR-9SR1	-
	RED on WHITE	-	XR-18WER1	XR-12WER1	XR-9WER1	-
	BLUE on WHITE	-	XR-18WEB1	XR-12WEB1	XR-9WEB1	-
Cable Flexible Tape [5.5m]	BLACK on WHITE	-	XR-18HMWE	XR-12HMWE	XR-9HMWE	-
Heat Shrink Tube [2.5m]	BLACK on WHITE	-	XR-18HSWE (Ø5.0mm~Ø11.0mm)	-	XR-9HSWE (Ø2.5mm~Ø5.0mm)	-
High-Strength Adhesive Tape [5.5m]	BLACK on WHITE	-	XR-18GWE	XR-12GWE	XR-9GWE	-
Paper Tape [8m]	BLACK on WHITE	-	XR-18TWE	XR-12TWE	XR-9TWE	-
Fluorescent Tape [5.5m]	BLACK on FLUORESCENT PINK	-	XR-18FPK	XR-12FPK	XR-9FPK	-
	BLACK on FLUORESCENT ORANGE	-	XR-18FOE	XR-12FOE	XR-9FOE	-
	BLACK on FLUORESCENT YELLOW	-	XR-18FYW	XR-12FYW	XR-9FYW	-
	BLACK on FLUORESCENT GREEN	-	XR-18FGN	XR-12FGN	XR-9FGN	-
Magnetic Tape* [1.5m]	BLACK on WHITE	XR-24JWE	-	-	-	-
Iron-On Fabric Tape [3.5m]	BLACK on WHITE	-	-	XR-12VWE	-	-

* For use with models KL-G2 and KL-7400 only



* Actual size

LABEMO

For labels you want to replace from time to time!

The MEP-T10 and MEP-U10 are not available in certain countries in accordance with local laws and regulations.

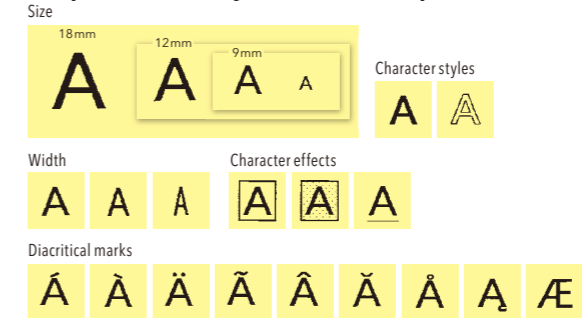
Labemo



MEP-K10

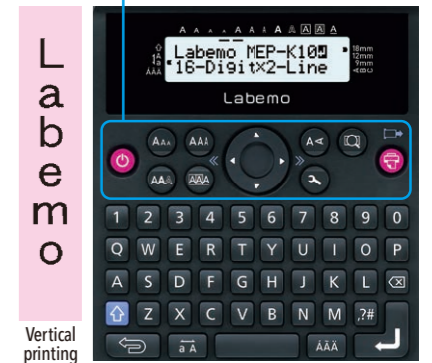
- 16-digit, 2-line LCD
- Handles 18, 12 and 9mm tape widths
- Prints up to 3 lines (18mm tape)
- 99 special characters and symbols

Simple function keys for effortless operation!



Languages supported: English / Spanish / French / Portuguese / Czech / Polish / Hungarian / German / Italian / Dutch / Finnish / Swedish / Danish / Norwegian / Indonesian / Estonian / Slovene

Simple function keys



Touch Panel and PC-Connectable Model

MEP-T10

- Touch Panel operation
- PC-Connectable [USB Connection]
- 3.6-inch touch panel LCD (with backlight)
- Handles 18, 12 and 9mm tape widths
- Prints up to 3 lines (18mm tape)



This product is not available in some countries due to regional restrictions.



PC-Connectable Model

MEP-U10

- PC-Connectable [USB Connection]
- Handles 18, 12 and 9mm tape widths
- Prints up to 3 lines (18mm tape)



This product is not available in some countries due to regional restrictions.

LABEL IT!
EZ-LABEL PRINTER

Specifications

Model	KL-G2	KL-7400	KL-820	KL-HD1	KL-130	KL-120	KL-60
Keyboard layout	QWERTY	QWERTY	QWERTY	QWERTY	QWERTY	QWERTY	QWERTY
Display LCD	128 x 64 dots with backlight	128 x 64 dots	95 x 32 dots	96 x 32 dots	96 x 16 dots	96 x 16 dots	20 x 7 dots + cursor
Display (input data)	16 digits x 3 lines	16 digits x 3 lines	16 digits x 3 lines	12 digits x 1 line	12 digits x 2 lines	16 digits x 2 lines	4 digits x 1 line
Available tape widths (mm)	24 / 18 / 12 / 9 / 6	24 / 18 / 12 / 9 / 6	24 / 18 / 12 / 9 / 6	18 / 12 / 9 / 6	18 / 12 / 9 / 6	18 / 12 / 9 / 6	12 / 9 / 6
Printing resolution	200 dpi / 128 dots	200 dpi / 96 dots	200 dpi / 96 dots	200 dpi / 96 dots	200 dpi / 96 dots	200 dpi / 96 dots	160 dpi / 32 dots
Unit of length switching	cm / inches	cm / inches	cm / inches	cm / inches	cm / inches	cm / inches	—
Maximum printing height (mm)	16	12	12	12	12	12	5
Maximum printing lines	8	6	3	3	2	2	2
Fonts	Sans-serif / Sans-serif Rounded / Roman / Courier / Pop / Slab Serif / Bordeaux Heavy / Cursive	Sans-serif / Sans-serif Rounded / Roman / Roman Italic	Sans-serif / Sans-serif Rounded / Roman / Roman Italic	Sans-serif / Sans-serif Rounded / Courier / Pop / Slab Serif / Bordeaux Heavy / Cursive	Sans-serif / Sans-serif Rounded / Courier / Pop / Slab Serif / Bordeaux Heavy / Cursive	Sans-serif	Sans-serif
Character styles	Normal / Bold / Outline / Shadow / Raised	Normal / Bold / Outline / Shadow / Raised	Normal / Bold / Outline / Shadow / Raised	Normal / Bold / Outline	Normal / Bold / Outline	Normal / Bold / Outline	Normal
Character effects	Shading / Underline / Box	Shading / Underline / Box	Shading / Underline / Box	Shading / Underline / Box	Shading / Underline / Box	Shading / Underline / Box	Shading / Underline / Box
Built-in character types	883	680	248	668	534	248	207
Alphanumeric characters	62	62	62	62	62	62	62
Illustrations	245	124	—	245	111	—	—
Special characters / symbols	397	395	87	182	182	87	46
Countries' characters / accented characters	179	99	99	179	179	99	99
Auto cutter with half-cut function	●	●	—	—	—	—	—
Frame printing	65	65	65	65	—	—	—
Layouts according to use	—	24	—	—	—	18	—
Mirror printing	●	●	●	●	●	●	●
Printing direction	Horizontal / Vertical	Horizontal / Vertical	Horizontal / Vertical	Horizontal / Vertical	Horizontal / Vertical	Horizontal	Horizontal
Printing number setting	100	100	9	9	9	9	—
Design logos	60	60	60	60	60	—	—
Numbering	●	●	●	●	●	●	—
Barcode printing	●	●	●	●	●	●	—
Message switching	8 languages*1	6 languages*2	6 languages*2	8 languages*1	8 languages*1	5 languages*3	English only
Print job memories	Approx. 2,000 characters	127 characters x 10	100 characters / Layout / Numbering / Barcode x 10 each	80 characters x 2	80 characters x 10 / Barcode x 10	80 characters x 2	63 characters x 1
Auto power off	●	●	●	●	●	●	●
Maximum characters per input data	255	127	100	80	80	80	63
Power supply	AC adaptor*4 (included) or 8 x AA-size alkaline (LR6) batteries (sold separately)	AC adaptor*4 (included) or 8 x AA-size alkaline (LR6) batteries (sold separately)	AC adaptor*4 (optional) or 6 x AA-size alkaline (LR6) batteries (sold separately)	6 x AA-size alkaline (LR6) batteries (sold separately)	AC adaptor*4 (optional) or 6 x AA-size alkaline (LR6) batteries (sold separately)	6 x AA-size alkaline (LR6) batteries (sold separately)	6 x AA-size alkaline (LR6) batteries (sold separately)
Approximate battery life*5	2 tape cartridges	2 tape cartridges	4 tape cartridges	4 tape cartridges	4 tape cartridges	4 tape cartridges	10 tape cartridges
Dimensions*6: H x W x D (mm)	67.5 x 202 x 212	64.5 x 202 x 216	52.5 x 167 x 223	60 x 112 x 202	54.5 x 189 x 115	54.5 x 189 x 115	51.5 x 168 x 114
Approximate weight (g)*7	850	800	610	340	430	430	300
Bundled tape cartridge (sample)	12mm x 1	12mm x 1	12mm x 1	12mm x 1	12mm x 1	12mm x 1	9mm x 1

*1 English / Spanish / German / French / Italian / Swedish / Portuguese / Indonesian *2 English / Spanish / French / German / Italian / Swedish *3 English / Spanish / French / German / Italian *4 KL-G2: AD-1832L, KL-7400: AD-A12150L, KL-820/KL-130: AD-A95100 *5 Continuous printing *6 The height dimension includes the feet. *7 Not including batteries

Labemo

Specifications

Model	MEP-K10	MEP-T10	MEP-U10
Connection	Personal computer	—	—
LCD	—	96 x 16 dots	3.6-inch 240 x 160 dots
Printing	—	200	200
Print resolution (dpi)*1	—	200	200
Maximum printing height (mm)*2	Approx. 12	Approx. 12	Approx. 12
Maximum lines*2	3	3	3
Fonts	Sans-serif	Sans-serif, Simsun (Chinese)*3	—*3
Built-in Data	—	21,685*3	—*3
Installed character types	260	21,003*3	—*3
Kanji	—	—	—*3
Pinyin conversion	—	Approx. 77,000*3	—*3
Input method	Alphabet	Alphabet, Pinyin (Chinese)*3	—*3
Handwriting	—	—	—
No. of recorded handwritten memos	—	99	—
Time stamp	—	—	—
Clock / Alarm	—	—	—
Calendar	—	—	—
Calculator	—	—	—
Common phrases	—	—	—
Auto power off	●	●	●
Power supply	6 x AA-size alkaline (LR6) batteries (sold separately)	AC adaptor (AD-A12200L) 4 x AA-size alkaline (LR6) batteries (sold separately)	AC adaptor (AD-A12200L)
Accessories	Sample tape x 1	AC adaptor (AD-A12200L) / Sample tape x 1 Windows® PC software CD-ROM x 1 Two touch pens / Dedicated USB cable	AC adaptor (AD-A12200L) / Sample tape x 1 Windows® PC software CD-ROM x 1 Dedicated USB cable
Dimensions: H x W x D*4 (mm)	59 x 118 x 184	67 x 119 x 146	68 x 61 x 118
Approximate weight (g)	365*5	375*6	235

*1 Dpi (dots per inch): number of dots per inch (approx. 25.4mm) *2 Use of 18mm tape *3 When linked to a PC, depends on the PC environment *4 With rubber feet *5 Without batteries *6 Without batteries / With touch pens

Tape replacement is quick and easy.



Labemo tape lineup

Width	18 mm	12 mm	9 mm
BLACK on WHITE	XA-18WE1	XA-12WE1	XA-9WE1
BLACK on YELLOW	XA-18YW1	XA-12YW1	XA-9YW1
BLACK on PINK	XA-18PK1	XA-12PK1	XA-9PK1

Length: 5 meters
Labemo dedicated tapes cannot be used with LABEL IT! products.



FUNCTION SYMBOLS

Scientific Calculator/Financial Consultant

763 FUNCTIONS over 1,500 FUNCTIONS Number of functions

NATURAL V.P.A.M. NATURAL TEXTBOOK Natural V.P.A.M. display/Natural textbook display
Display expression same as textbook.

S-V.P.A.M. (Super Visually Perfect Algebraic Method)
All the features of the existing V.P.A.M. series plus a new 2-line display and a useful Replay function. All this helps to make mathematics easier to use and easier to understand than ever before.

STAT-data STAT-data editor
Back-step viewing and editing of input data.

List-based STAT Viewing and editing of input data in list format, showing data groups (x-data, y-data, frequency) and surrounding data.

Multi-replay Multi-replay
Quick and easy recall of previously executed formulas for editing and re-execution.

10+2 DIGITS 10 + 2 digits
10-digit mantissa + 2-digit exponential display.

ICON MENU Icon menu
Specify the operation you want to perform by selecting an icon or inputting a number.

DOT MATRIX Dot matrix display
High-resolution screen provides beautiful looking graphs every time.

TWO WAY POWER Two-way power (Solar + Battery)
Solar powered in sunlight, battery powered when lighting is low.

Data communication with a personal computer
Allows data communication with a personal computer.

Plastic keys Plastic keys
Designed and engineered for easy operation.

Practical Calculator/Printing Calculator

DUAL DISPLAY Dual display
Equipped with two LCD displays to allow performance of different calculations or viewing of two values.

EXTRA LARGE DISPLAY Extra large display
Larger display makes more data easier to read.

LARGE DISPLAY Large display
Large, easy-to-read display.

TWO WAY POWER Two-way power (Solar + Battery)
Solar powered when light is sufficient, battery powered when light is insufficient.

SUPER SOLAR Super solar
Solar cell powers calculations even when lighting is relatively dim.

Key rollover Key rollover
Key operations are stored in a buffer, so nothing is lost even during high-speed input.

Plastic keys Plastic keys
Designed and engineered for easy operation.

Metal faceplate Durable metal faceplate
Tough cover stands up to rough treatment.

COST SELL MARG Cost/Sell/Margin
Calculate the cost, selling price, or margin of profit on an item, given the other two values.

Tax & Exch. Tax & exchange function
Tax calculation and currency conversion functions.

TAX Tax calculation
Automatic calculation of price plus tax, price less tax, discount, selling price, tax amount, discount amount, and margin amount.

TILT DISPLAY Tilt display
The degree of display can be adjusted freely.

Day Calc. Day/Date calculation
Day/Date calculations allow easy input and calculation of duration or date.

Time Calc. Time calculation
Time calculation allows easy input and calculation of hour, minute, and second values.

Profit Margin % Profit margin percent
% key gives quick access to prices and profits, and also delivers add-ons, discounts, ratios and increase/decrease values.

% Regular percent
Regular percentage calculations.

MU MU MD Mark-up/Mark-down
All the mark-up/mark-down capabilities of an adding machine for simplified cost and profit calculations.

BIG X1+1 Super command signs
Big, easy-to-read command signs show your current operation at a glance.

Function command signs
A symbol (+, -, x, ÷) on the display indicates the status of operation you are currently performing.

Clock & Calendar
Printing the current time and date.

300 STEPS CHECK 150 STEPS CHECK 300 steps check and 150 steps check
Displays up to 300 or 150 previous calculation steps.

Recheck function
Allows confirmation of errors by sound when checking calculations.

LOCALIZED NUMBER DISPLAY Localized number display
Displays numbers in four digit separator formats (Type A, Type B, Type C, and Indian). Choice of a comma or period as the decimal point.

LINE PRINT Line printing
Line printing for higher speed, superior print quality, and quieter operation.

2-COLOR PRINT 2-colour printing
Positive values are shown in black, and negative values are shown in red for easy checking.

3.5 LINES PER SECOND 3.5 line-per-second printing
The value indicates the number of lines printed per second.

HEAVY-DUTY DURABLE KEYS Heavy-duty durable keys
Keys are produced by injecting plastic of two different colours. Key markings are plastic, which means they do not wear or fade with use.

MODEL INDEX Red numbers indicate new models.

Model	Page	Model	Page	Model	Page	Model	Page	Model	Page
A AX-12B	36	FA-CP400SA/SB/SC/SD	16	H HL-4A	34	LC-403TV	33	R RT-7000-BK	30
AX-120B	36	FA-CW1SA/SB/SC/SD	16	HL-100LB	34	LC-1000TV	33	RT-7000-WE	30
AX-120ST	36	FC-100V	10	HL-122TV	34	M MEP-K10	42	S SL-100L	33
C ClassPad 330 PLUS	5	FC-200V	10	HL-815L-BK	34	MEP-T10	42	SL-100NC-BU	28
D D-120B	31	FC Emulator	16	HL-815L-WE	34	MEP-U10	42	SL-100NC-RD	28
DF-120BM	31	FR-2650T	38	HL-820LV-BK	34	MH-12	23	SL-200TE	33
DH-12	23	fx-50F II	9	HL-820LV-WE	34	MH-12-WE	23	SL-210TE	33
DH-12-WE	23	fx-50FH II	9	HL-820VA	34	MH-14	23	SL-220TE	33
DH-14	23	fx-82AR X	12	HR-820VA	34	MH-16	23	SL-240LB	33
DH-16	23	fx-82ES PLUS	13	HR-8TM-BK	37	MJ-12Da	26	SL-300LV	33
DH-120	23	fx-82EX	12	HR-8TM-GY	37	MJ-12VCb-BU	26	SL-300NC-BRD	28
DH-140	23	fx-82LA PLUS-BK	14	HR-8TM-RD	37	MJ-12VCb-GN	26	SL-300NC-BK	28
DH-160	23	fx-82LA PLUS-BU	14	HR-100TM	37	MJ-12VCb-RG	26	SL-300NC-BRG	28
DJ-120D Plus	25	fx-82LA PLUS-PK	14	HR-150TM	37	MJ-12VCb-WE	26	SL-300NC-BU	28
DJ-200D Plus	25	fx-82MS	15	HS-8LV-BK	34	MJ-12VCb-RG	26	SL-300NC-BYW	28
DJ-240D Plus	25	fx-85ES PLUS	13	HS-8LV-WE	34	MJ-120D Plus-BK	25	SL-300NC-GN	28
DM-1200BM	31	fx-85MS	15	HS-8VA	34	MJ-120D Plus-BU	25	SL-300NC-PK	28
DM-1400B	31	fx-95AR X	12	J J-120B	31	MJ-120D Plus-BU	25	SL-300NC-RD	28
DM-1600B	31	fx-95ES PLUS	14	JF-120BM	31	MS-6NC-BK	28	SL-300NC-RG	28
DR-120TM-BK	38	fx-95MS	15	JJ-120D Plus	25	MS-6NC-BU	28	SL-300NC-WE	28
DR-120TM-WE	38	fx-100MS	15	JS-10B	22	MS-6NC-GN	28	SL-315TV	33
DR-140TM	38	fx-350ES PLUS	13	JS-20B	22	MS-6NC-PK	28	SL-320TV	33
DR-210TM	38	fx-350EX	12	JS-20B-GD	22	MS-6NC-WE	28	SL-340VA	33
DR-240TM	38	fx-570LA PLUS	14	JS-40B	22	MS-6NC-WE	28	SL-760LC-BK	34
DR-270TM	38	fx-570EX	12	JS-40B-GD	22	MS-20B	32	SL-760LC-GD	34
DS-1B	22	fx-570MS	15	JS-120TVS-BK	22	MS-20B	32	SL-787TV-BK	34
DS-1B-GD	22	fx-570ES PLUS	14	JS-120TVS-SR	22	MS-20NC-BK	27	SL-787TV-GD	34
DS-2B	22	fx-570LA PLUS	14	JS-140TVS-BK	22	MS-20NC-BRD	27	SL-797TV-BK	34
DS-2B-GD	22	fx-570MS	15	JS-140TVS-SR	22	MS-20NC-BRG	27	SL-797TV-GD	34
DS-3B	22	fx-991AR X	12	JV-220	30	MS-20NC-BU	27	SL-1000TW-BK	29
DS-120TV	31	fx-991ES PLUS	14	JW-120MS	31	MS-20NC-BYW	27	SL-1000TW-BU	29
DW-220	30	fx-991LA PLUS	14	JW-200TW-BK	29	MS-20NC-GN	27	SL-1000TW-GD	29
DW-120MS	31	fx-991MS	15	JW-200TW-BU	29	MS-20NC-PK	27	SL-1000TW-GN	29
DW-200TW-BK	29	fx-3650P II	9	JW-200TW-GD	29	MS-20NC-RD	27	SL-1000TW-PK	29
DW-200TW-BU	29	fx-4500PA	9	JW-200TW-RD	29	MS-20NC-WE	27	SL-1000TW-WE	29
DW-200TW-GD	29	fx-5800P	9	JW-200TW-WE	29	MS-100BM	32	SX-100	36
DW-200TW-GN	29	fx-7400GII	9	K KL-60	41	MS-120BM	32	SX-220	36
DW-200TW-PK	29	fx-750GII	8	KL-120	41	MS-20C	32	SX-300	36
DW-200TW-WE	29	fx-9860GII							

SALES PROMOTION MATERIALS (CLASSWIZ)

1 Display Stand for ClassWiz Calculators
• Size: W900 × H2,000 mm

2 Display Stand for ClassWiz Calculators
• Size: W594 × H841 mm

3 Display Stand for ClassWiz Calculators
• Size: W594 × H841 mm

4 Display Stand for ClassWiz Calculators
• Size: W594 × H841 mm

5 Display Stand for ClassWiz Calculators
• Size: W594 × H841 mm

1. Tapestry **NEW**
• Size: W900 × H2,000 mm

2. Poster
• Size: W594 × H841 mm

For School
@C-OPOPCWPOSTG-E

For Shop
English @C-OPOPCWPOSTS-E
Arabic @C-OPOPCWPOSTS-A

3. Category sheet **NEW**
• Size: W364 × H257 mm

Front

Back

English @C-OPOPCWCCARD-E
Arabic @C-OPOPCWCCARD-A

4. Triangular POP display **NEW**
• Size: W297 × H210 mm

English & Arabic @C-OPOPCWPOP-EA

5. Stand **NEW**
• Size: D115 × W180 × H175 mm

English @C-OPOPCWSTAND-E
Arabic @C-OPOPCWSTAND-A

Display Tool Kit for Scientific Calculators ES PLUS Series
* English, Spanish, and Arabic language versions available

- Poster × 2
- Panel × 1
- Banner × 1
- POP product advertisement × 4
- Card for sales staff explanations × 1

English @C-OPOPESPLUS-E
Spanish @C-OPOPESPLUS-S
Arabic @C-OPOPESPLUS-AR

SALES PROMOTION MATERIALS

Calculators and label printers normally are not included with promotion materials.

Display Stand for Calculators
• Size: W630 × L500 × H1,850 mm
• Weight: approx. 30.0 kg

@C-OSTAND

Display Stand for Colourful Calculators
• Size: W450 × L450 × H1,850 mm
• Weight: approx. 10.5 kg

@C-OSTCOLORFULS3-EN

Display Stand for Label Printers
• Size: W400 × L500 × H1,860 mm
• Weight: approx. 26.0 kg

Suitable for displaying all LABEL IT! and Labemo label printer models

@C-OST LABEL LABEMO

Attention POP for Check Calculators **NEW**
• Size: 128 × 182 mm

300 Steps Check with Sound Assist

@C-OPOP300STEPS-EN

Unit Stand (PPSD7)
• Size: D95 × W66 × H76 mm
• Weight: 25 g

@C-PPSD7HK

CASIO Logo Sticker
• Size: 210 × 297 mm

English @C-OSR CASIO-EN

Spanish @C-OSR CASIO-ES

LABEL PRINTER B TO B TOOL LIST

Introductory Catalogue
• Size: W210 × H297 mm

@C-OL LABEL BT0B-EN

Tape Printing Samples
• Size: W210 × H297 mm

@C-OPOP TAPE SAMPLE-EN

Clear Folder
• Size: W210 × H297 mm

@C-OPOP LABEL FOLDER-EN

Tape Catalogue
• Size: W100 × H210 mm

@C-OL LABEL TAPE-ES

Label User Catalogues
• Size: W210 × H297 mm

- 1 For Offices @C-OL LABEL USER OF-EN
- 2 For Hospitals and Pharmacies @C-OL LABEL USER HO-EN
- 3 For Schools @C-OL LABEL USER SC-EN
- 4 For Construction sites @C-OL LABEL USER CO-EN
- 5 For Warehouses @C-OL LABEL USER WA-EN
- 6 For Shops @C-OL LABEL USER SH-EN
- 7 For Plants @C-OL LABEL USER PLEN

ROADSHOW KIT FOR SCIENTIFIC CALCULATORS

- Poster × 5
- Sheet × 3
- Display Stand × 5
- Banner Stand × 1
- Carry bag

ACTIVITIES

CLASSWIZ **NEW**
Learning Mathematics with ClassWiz
English Activities for CLASSWIZ Series
Arabic Activities for CLASSWIZ Series

Scientific Calculator
Learning Mathematics with ES PLUS Series Scientific Calculator
Activities for ES Series (Activities for MS Series are also available.)

Graphic Calculator
Learning Mathematics with Graphics Calculators
Activities for fx-9860G Series

Financial Consultant
Financial Calculations
Calculation Examples for FC-200V/100V
* Provision of data only

NEWSPAPER/MAGAZINE ADVERTISEMENTS

Scientific Calculator Artwork **NEW**

CLASSWIZ Series

Brand Artwork

fx-CP400

fx-9860GII, fx-CG20

ES PLUS Series

MS Series

Surveying calculator Artwork

fx-FD10 Pro

Financial model Artwork

FC-200V / 100V

Check Calculator Artwork

DJ-240D/220D/120D, JJ-120D, MJ-120D/100D/120D/12V, NJ-120D

Wide H Series Artwork

DH-16/14/12, MH-16/14/12

Heavy Duty Calculator Artwork **NEW**

Heavy Duty Calculators

Label Printer Artwork **NEW**

KL-G2

VIDEOS

CLASSWIZ presentation video **NEW**

CLASSWIZ function introduction video **NEW**

Heavy Duty Series Training Movie for Sales Staff

Introducing LABEL IT! function Movie **NEW**

Introducing Labemo Movie

Surveying calculator promotional video

CASIO®

<http://world.casio.com>

For information about Accessories and
Options of Calculators models,
visit <http://www.casio-intl.com/calc/>

