



The fx-991EX “ClassWiz” features a high-resolution display, making it easier to view formulas and symbols.

This remarkable screen can display between 2-6 times as many characters as other scientific calculators, yet still runs on solar power.

Use the **ON** key to turn the calculator on, and press **SHIFT AC** (OFF) to power the unit down.

The icon-based menu, accessible via the **MENU** key, allows easy navigation of features using the arrow keys and the number keys or the **ALPHA** shortcuts.

The **DEL** key can be used like Backspace in a word processor to delete the character(s) left of the cursor.

The symbols printed on the keys use Natural Textbook Display™ notation, similar to that found in textbooks. This makes input of expressions fast and easy.

The **S/D** key toggles your calculation results between Standard (exact) and Decimal forms.

The following explains the meaning of each icon on the fx-991EX icon menu

Icon	Menu Name	Description
	CALCULATE	Perform general computations using Natural Textbook Display™ notation, including absolute value, logs of any base, summation, derivatives, and integrals.
	COMPLEX	Perform computations with complex numbers, including a + bi form, polar ($r \angle \theta$) form, and conversions between the two.
	BASE-N	Perform binary, octal, and hexadecimal computations, and convert among those number bases and base-10.
	MATRIX	Perform operations on matrices up to 4x4, including matrix arithmetic, determinants, transpositions, and identity matrices.
	VECTOR	Perform operations on 2- and 3-dimensional vectors, including vector arithmetic, dot products, angles, and unit vectors.
	STATISTICS	Calculate 13 different one-variable statistics, and apply linear, quadratic, logarithmic, exponential, and geometric (power) regressions.
	DISTRIBUTION	Investigate Normal, Inverse Normal, Binomial, and Poisson probability and cumulative distributions.
	SPREADSHEET	Create spreadsheets with up to 5 columns and 45 rows. Spreadsheet supports Fill, Cut/Copy/Paste, recursive formulas, Mean, and Sum commands.
	TABLE	Create tables of values to compare up to 2 functions simultaneously.
	EQUATION/ FUNCTION	Solve simultaneous (systems of) equations with up to 4 unknowns, and polynomials of up to degree 4.
	INEQUALITY	Solve polynomial inequalities of up to degree 4, with the solution set expressed as a compound inequality.
	RATIO	Solve proportions of the form $A : B = X : D$ and $A : B = C : X$.