

ERLEULATOR INFINITY

Http://iPhone-Calculator.com/

User Manual

Contents

1.		Grap	hic L	Jser Interface	3
2.		Keyboard			
	2.1	1.	Shift	Button	4
	2.2	2.	Inpu	tting Expressions and Values	5
		2.2.1		Input Rules:	5
	2.2.		.2.2.	Editing the Expression	5
		2.2.3.		Saving the Expression to Image	5
3.		Calcu	ulatio	ons	6
	3.1	1.	Prior	ity	6
	3.2	2.	Calc	ulation limits	7
	3.3	3.	Histo	ory and Calculated Data	8
		3.3.1	•	History	8
		3.3.2	? .	Result (Res), Variable (X, Y, Z, M) and Extension Variables	8
		3.3.3	·.	Result Drag and Drop	9
	3.4	4.	Assig	nment Operator & Number Sequence Calculation	9
	3.5	5.	Unit	Converter and Constant Table	11
	3.6	5 .	Togg	ling Result	12
4.		Equa	tion	Calculations	12
	4.1	1.	Quad	dratic and Cubic equations	12
	4.2	2.	Simu	Iltaneous Linear Equations	13
	4.3	3.	Gene	eral Equation	13
	4.4	4.	Equa	ition Calculation Errors	14
5.		Grap	hing	& Fx Funtions Calculation	14
	5.1	1.	Grap	hing	14
		5.1.1		Plot an Equation	14
		5.1.2	2.	Edit Equations	15
		5.1.3	?.	Camera Movement, Zooming and Snal to Intersection	15
	5.2	2.	Fx Fu	unctions Calculation	16
		5.2.1	•	Assign an Equation to Fx Function	16
		5.2.2		Recall, Edit & Synchonized Fx Functions	16
6.		Func	tion	Menu (Mode)	17

٠.	361	5	۷
		tings	
7.	Sch	eme URL (For Integration Developer)	19
	6.6.	Tutorial	19
	6.5.	Base Calculation – Programming Mode	18
	6.4.	Simultaneous Linear Equations Solver	18
	6.3.	Polynomial Equation Solver	18
	6.2.	Statistics	17
	6.1.	Calculator	17

1. Graphic User Interface



- 1: Indicators.
- 2: Input Expression.
- 3: Calculation Result.
- 4: Notification.
- 5: Main Keyboard. Press key to pop up Sub-Keyboard.
- **6**: Menu & Special Function Keys (Converter, Constant Table, Statistics).
- 7: Fast keyboard switching keys.

Figure01. Calculator ∞ Graphical user interface

2. Keyboard

The keyboard contains two panels; you can swap them by pressing \$\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\ointilde{\

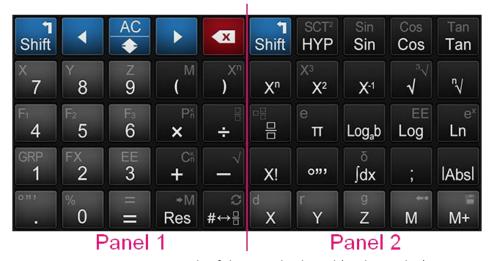


Figure 02.1. Two panels of the main keyboard (Carbon+ Skin)

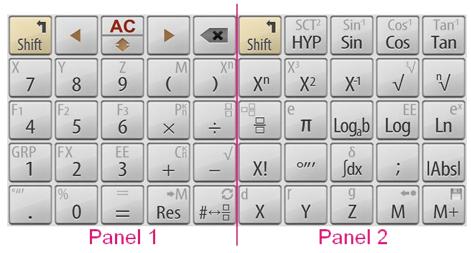


Figure 02.2. Two panels of the main keyboard (Silver Light Skin)

Panel1: Numerical Panel with popular functions like Power, Square Root, Percent, Fraction...
Panel2: Advanced Functions Panel contains Trigonometric Functions (Sin, Cos, Tan...), Natural Logarithm (Log, Ln, Logab...), and Integral...

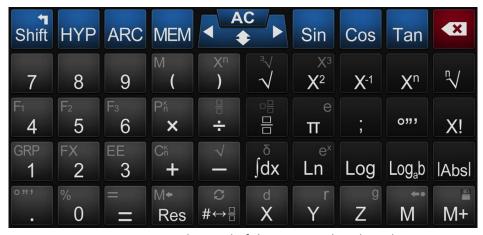


Figure 02.3. Single Panel of the main iPad Keyboard

2.1. Shift Button

Each key on keyboard may contain two functions: Main Function and Shift Function.



Figure 03. A key with two functions

Press **Shift** key followed by a second key to perform the Shift Function of the second key. You can also toggle between the Main Function and Shift Function by Long Pressing any key.

You can hold the shift key for a while to keep the shift scene, it helps you perform the Shift Function continuously.

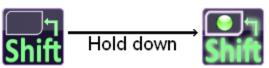


Figure04. Keep shift scene

2.2. <u>Inputting Expressions and Values</u>

2.2.1.Input Rules:

- The Expressions can be inputted in the same form as they are written.
- The multiplication symbol "x" can be omitted in some cases:
- + Before an opening parentheses (Ex.: 123(45+67)).
- + Between a number and a variable (Ex.: 4.5M mean: 4.5 multiply M).
- The closing parentheses can be omitted, the program will add the missing closing parentheses in same stack height (Ex.: "(15⁽⁷⁾").

2.2.2. Editing the Expression

The Cursor (I Beam) is the Vertical Red Line on the screen, this is where you will insert numbers, operators, or functions... to the expression.

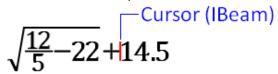


Figure05. Cursor (I Beam) in an Expression

Touch on the screen to change the position of cursor, you can also press or keys to move the cursor to the left or right.

Press key to delete the symbol before the cursor.

2.2.3. Saving the Expression to Image

You can also save your expression to image by long pressing on it. Calculator ∞ can save the expression with size up to 1024x512.

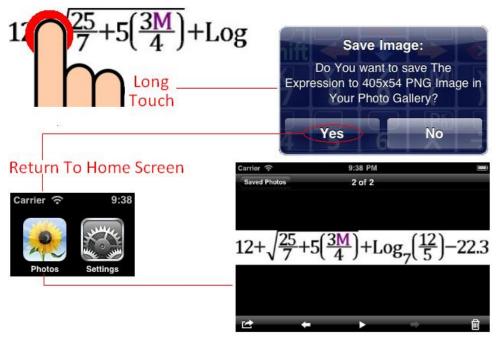


Figure 06. Example of saving an expression to image

3. Calculations

3.1. Priority

The priority of inputted operations/functions/expression is evaluated according to the following table. The operation/functions/expression in the same priority will be performed from left to right.

Priority	Operations/Functions/Expressions
1 st	Parenthetical Expressions.
2 nd	The Functions need the special display. \sqrt{x} , $\sqrt[n]{x}$, \log_a b, $ x $, $\frac{x}{y}$, $\int_d^u dx$, C_n^k , P_n^k .
3 rd	Functions require an argument(s) and end with a closing parenthesis ")". Sin, Cos, Tan, Sin ⁻¹ , Cos ⁻¹ , Tan ⁻¹ , Sinh, Cosh, Tanh, Log, Ln
4 th	Functions come after input value X^2 , X^3 , X^n , X^{-1} , $X!$, *** , d, r, g, %.
5 th	Multiplication, Division (x, ÷).
6 th	Addition, Subtraction (+, –).

3.2. Calculation limits

Function	Input Range
sin x	$0^{\circ} \le x ^{\circ} \le 1.8^{\circ} \times 10^{10}$ $0 \text{ rad } \le x \text{ rad } < 314159265 \text{ rad}$ $0 \text{ grad } \le x \text{ grad } \le 2 \times 10^{10} \text{grad}$
$\cos x$	$0^{\circ} \le x ^{\circ} \le 1.8^{\circ} \times 10^{10}$ $0 \text{ rad } \le x \text{ rad } < 314159265 \text{ rad}$ $0 \text{ grad } \le x \text{ grad } \le 2 \times 10^{10} \text{grad}$
tan x	$0^{\circ} \le x ^{\circ} \le 1.8^{\circ} \times 10^{10}, x \ne (2n+1) \times 90^{\circ}$ $0 \text{ rad} \le x \text{ rad} < 314159265 \text{ rad}, x \ne (2n+1) \times \pi/2 \text{ rad}$ $0 \text{ grad} \le x \text{ grad} \le 2 \times 10^{10} \text{grad}, x \ne (2n+1) \times 100 \text{ grad}$ (n is integer)
$\sin^{-1} x$	$0 \le x \le 1$
$\frac{\cos^{-1} x}{\tan^{-1} x}$	$0 \le x \le 1.797693 \times 10^{308}$
$\sinh x$	$0 \le x \le 710.47586$
$\cosh x$	
tanh x	$0 \le x \le 1.797693 \times 10^{308}$
$sinh^{-1} x$	$0 \le x \le 1.797693 \times 10^{308}$
$\cosh^{-1} x$	$1 \le x \le 1.797693 \times 10^{308}$
$tanh^{-1} x$	$0 \le x < 1$
$\log x \& \ln x$	$0 < x \le 1.797693 \times 10^{308}$
<i>x</i> !	$0 \le x \le 170$ (x is an integer)
P_n^k	$0 \le k \le n \le 10^{10} \text{ (k, n are integers);}$ $1 \le \frac{n!}{(n-k)!} \le 1.797693 \times 10^{308}$
C_n^k	$0 \le k \le n \le 10^{10} \text{ (k, n are integers);}$ $1 \le \frac{n!}{k! (n-k)!} \le 1.797693 \times 10^{308}$
x^y	$x > 0$: $x^{y} < 1.797693 \times 10^{308}$ x = 0: $y > 0x < 0: y is integer or y = \frac{m}{2n+1} (m, n are integers); x^{y} \le 1.797693 \times 10^{308}$
$\sqrt[y]{x}$	$x > 0: \sqrt[y]{x} < 1.797693 \times 10^{308}$ $x = 0: y > 0$ $x < 0: y = 2n + 1 \text{ or } y = \frac{2n+1}{m} \text{ (}m \neq 0; m, n \text{ are integers);}$ $\sqrt[y]{ x } \le 1.797693 \times 10^{308}$
$\frac{a}{b}$	Total of numerator and denominator must be equal or less than 9 digits however some 12 digit fractions can be displayed.

3.3. History and Calculated Data

3.3.1.<u>History</u>

Calculator ∞ can remember up to 31 newest calculated expressions. You can scroll through calculation history content by pressing to pop up sub keyboard then pressing or to scroll to the previous or next expression.

3.3.2. Result (Res), Variable (X, Y, Z, M) and Extension Variables

- Res:

The last calculation result is stored in Res memory, the Res memory content is updated whenever a new calculated expression is displayed. Res memory helps your calculation continuing. You can also input it by pressing Res.

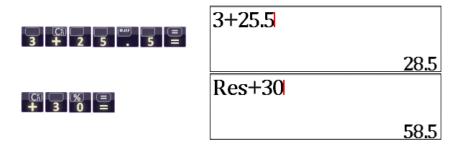


Figure 07. Example of continuous calculation

- Variable (X, Y, Z, M):

Calculator ∞ has four variables named X, Y, Z, M. You can assign the values to a variable from the calculated expression or the roots of solved equations. Pressing Shift → MH followed by the variable key you want to assign value. In Equations Solving Result Screen, press to store the root to variable. In Converter and Constant Table, you have to select the variable first then select the value to assign.

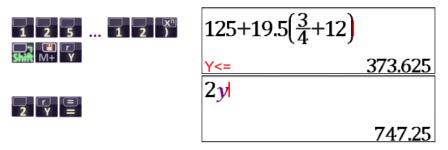


Figure 08. Example of saving & using Variable

- Extension Variables (A...E, M₁...M₅):

From version 1.2, Calculator ∞ has more ten extension variables named A...E and M₁...M₅.

On iPhone: Slide 1st keyboard to the right or the 2nd to the left side to open the extension variables keyboard.

On iPad: Press MEM button to pop up the variables window.

Pressing the variable key right after calculate the expression or Dragging and Dropping the results to the variable you want to assign value to.

3.3.3. Result Drag and Drop

Drag and Drop the result of calculated expression to the keyboard key is the easiest way to save or make the new expression of its value.



Figure 09. Example of Dragging & Dropping the result

3.4. Assignment Operator & Number Sequence Calculation

- Assignment Operator:

You can use Assignment Operator (←) to assign a specific value or a calculation result to a variable(s).

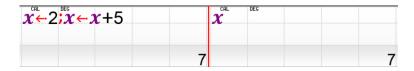


Figure 10. Assignment Example using Assignment Operator

Figure 09 – Explanation: First, Assign 2 to X, then calculate X+5 and save the result to X.

<u>+ Notice</u>: $X \leftarrow 2$; $X \leftarrow X+5$ is a multi-statement expression, only the result of last sub-expression(statements) will be shown.

- Number Sequence Calculation:

You can calculate the F(n) or F(...) of a number sequence with assignment operator, multistatements technique (using ";") and pressing [=] many times. Please take a look the examples below to have the basic knowledge in number sequence calculation.

- Example 1: let's define the Fibonacci series to be one-indexed (call it like-Fibonacci):

$$\begin{cases} F_1 = 0, F_2 = 1 \\ Fn = F_{n-1} + F_{n-2} \end{cases}$$

0, 1, 1, 2, 3, 5, 8, 13, 21...

Calculate F₁₁ of the Fibonacci sequence.

Solution:



Figure 11. Solution of Fibonacci Calculation

Figure 10 – Explanation: In the Initial Steps, let's assign the initial value for F_1 and F_2 . M is considered as F_n but now M is F_3 , $F_3 = F_1 + F_2$. Then we re-assign the value for F_1 and F_2 .

Press the [=] in the 1^{st} time, F_3 is calculated.

Press the [=] 2nd time, F_4 is calculated.

...

Press the [=] n^{th} time, F_{n+2} is calculated. So Press[=] 11 – 2 times to calculate F_{11} .

- Example 2: Given the number sequence

$$x_{n+1} = \frac{4 + x_n}{1 + x_n}$$
(where $n \ge 1 \& x_1 = 1$)

Calculate X_3 and $\sum_{i=1}^5 x_i$ (Sum of X_1 to X_5).

Solution:

Let's call A the Sum of X_1 to X_5 . M is as X_n and M_1 is as X_{n-1} .

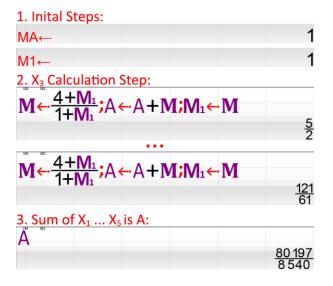


Figure 12. Example 2 Solution

3.5. Unit Converter and Constant Table

Pressing or copen Unit Converter or Constant Table. If current expression is calculated, its value will be used as base value in converter, otherwise it will be "1". To convert a unit, select the Unit Category, then select the base unit and the base value will be converted to destination units, you can also select the value to input it back to expression or save it to the selected variable.

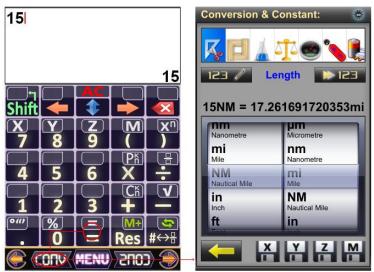


Figure 13. Example of Convert 15NM to other length units

3.6. Toggling Result

Press to toggle the current result from decimal to fraction, mixed fraction and from faction to sexagesimal (Degree, minutes, second).

- Only fractions with less than 9 digits (and some 12 digits fractions) of numerator and denominator can be displayed- Only the decimal with absolute less than 2147483647 can be displayed in sexagesimal.

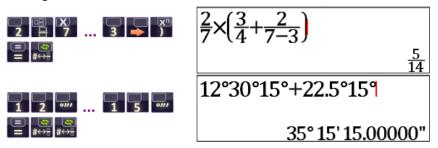


Figure 14. Example of toggling result to fraction and sexagesimal

4. Equation Calculations

4.1. Quadratic and Cubic equations

You can solve Quadratic & Cubic equations any time and in any mode (except Equation mode) by inputting it directly and pressing key to solve. Press to input "=" symbol.

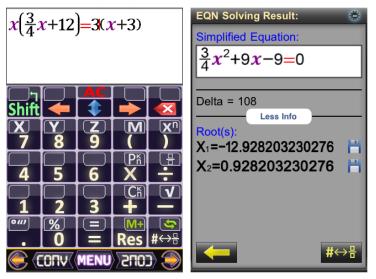


Figure 15. Example of solving Equation

<u>Important:</u> after the equation is simplify, all of its coefficients' absolute value must be greater than 10^{-6} and the difference among those coefficients must not exceed 10^{12} times

4.2. <u>Simultaneous Linear Equations</u>

You can solve the system of 2 or 3 equations any time and in any mode (except Equation mode) by inputting it directly and pressing key to solve. Press key to input "=" symbol. Each Equation must be separated by ";", using key to input it.

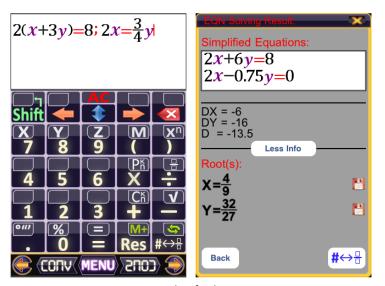


Figure 16. Example of solving Equations

<u>Important:</u> after the system of equations is simplify, all of its coefficients' absolute value must be greater than 10^{-6} and the difference among those coefficients in each equation must not exceed 10^{12} times

4.3. General Equation

You can solve the general equation (F(X)) by Newton's law. You can also select X_0 in Newton's law by input ";X=..." otherwise X_0 will be zero.

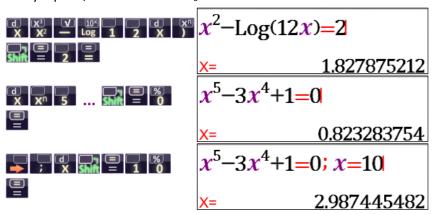


Figure 17. Example of solving general equation by Newton's law

<u>Important:</u> Newton's law is able to find only one root each calculation, so the result is displayed may not contain all roots of the equation.

4.4. Equation Calculation Errors

Error Message	Details
Equation Solving: Unable To Find the Root! OK	 The Equation or Simultaneous Linear Equations are too complex to simplify and solve The Equation or Simultaneous Linear Equations don't have any root or has infinity roots.
Equations Solving: Invalid Equation(s) ! OK	 Equation contains invalid variable. Equation must contain only X. Simultaneous Linear Equations with two unknowns must contain only X and Y. Simultaneous Linear Equations with three unknowns must contain only X, Y and Z. Important: if Expression contains "=" symbol, it will be considered as an equation and all variables (X, Y, Z) will be considered as the unknowns, but you can use M as a variable.

5. Graphing & Fx Funtions Calculation

5.1. Graphing

5.1.1. Plot an Equation

Input an F(x) equation then press \Rightarrow GRP and select the equation (F1, F2 or F3) which you want to plot as.

Example:

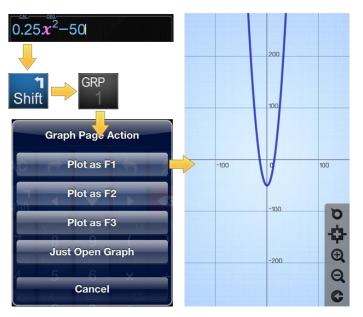
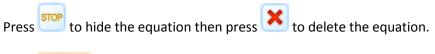


Figure 18. Example of plotting an equation

5.1.2. Edit Equations

In Graph Page, Press to control your equation.



Press Plot to show that hiden equation.

5.1.3. <u>Camera Movement</u>, <u>Zooming and Snal to Intersection</u>

In Graph Page, You can use two - fingers pinch to zoom in or out like the default Photo Library of iOS Devices. You can also press to zoom in / out in a faster and more stable way.

Press to setup the position you want to move to, It's very useful in case the position is far away from your current position.

Press to turn on Snap mode, move your finger on the screen to get the Y Value of F(X) functions, you can also move to the intersection and release your finger to get the coodinate of intersection.

Example:

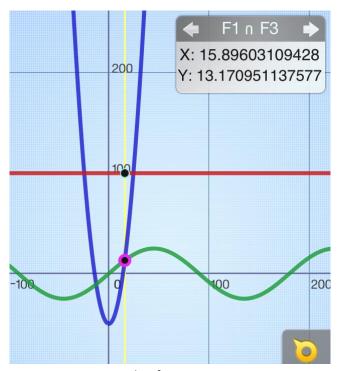


Figure 19. Example of snapping to intersection

5.2. Fx Functions Calculation

5.2.1. Assign an Equation to Fx Function

Input an F(x) equation then press Shift \rightarrow and select the Fx equation (F1, F2 or F3) which you want to assign to.

Example:

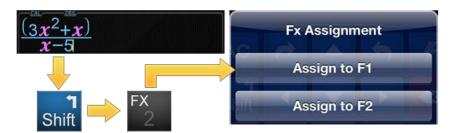


Figure 20. Example of Fx Functions Assignment

5.2.2. <u>Recall, Edit & Synchonized Fx Functions</u>

Use the Fx Function as well as a normal function after assigned it.



Figure 21. Recall F1 from Figure 20

You can check the Fx Function by pressing equal to know the equation after inputting it



Figure 22. Get the equation from F1 Function

+ Notice: The equation will be synched with the Graph Page's equation If it is valid to graph and vice versa.

6. Function Menu (Mode)

6.1. Calculator

Press Menu and select Calculator.

Basic Scientific Calculator, this is the default mode of Calculator ∞.

Basic Calculator's Functions: Basic numeric calculations(+ ,- ,x ,÷), Fraction, Mixed Fraction($a\frac{b}{c}$), Sexagesimal (Degree, minutes, second) calculations, Power(x^y), Exponent(E), Square Root &Real Root(\sqrt{x} , $\sqrt[x]{y}$), Trigonometric functions(Sin, Cos, Tan, ArcSin (Sin-1), ArcCos(Cos-1), ArcTan(Tan-1), Sinh, Cosh, Tanh, Sin-2, Cos-2, Tan-2), Logarithm (Log, Ln, Logab), Factorial(X!), Permutation(P_n^k) and Combination(C_n^k), Abs(|X|), Integral($\int_b^a dx$), Derivative(d/dx), Variable(X, Y, Z, M), Fx Functions(F1, F2, F3), Unit Conversion (Length, Area, Volume, Mass, Speed, Velocity, Acceleration, Angular Acceleration, Volume Flow, Pressure, Force, Density Common, Energy, Electronic Charge, Power, Illumination, Radioactivity, Temperature, Data, Fuel Compusion, Time), Constant Table(44 popular constants),Convert the integer number to BIN, OCT, HEX Base, Export Expression to pictures, Graph / Plot, Equation and Simultaneous Linear Equations Solving.

6.2. Statistics

Press Menu and select Statistics. Press key to calculate current expression and insert its result to the data set.

To delete the inputted value in the dataset, select it on the top-left column of the screen and choose Yes.

To obtain the statistical data, press to open statistical Data Table and select the statistical value you want to input back to expression. In Data Table, you can edit the inputted data by select Variable.

6.3. Polynomial Equation Solver

To Solve Polynomial Equation, you have to input all of necessary coefficients (one by one).

To change coefficients, press or to scroll back to the previous coefficients. You can also restart the Solver by pressing

<u>Important:</u> Solving equations in Equation Solver Mode is the same as solving equations in Calculator mode, but the roots in Equations Solver mode will be more accurate when coefficients are too big or too small, or the equations are too complex to simplify.

6.4. Simultaneous Linear Equations Solver

To solve Simultaneous Linear Equations, you have to input all of necessary coefficients (one by one).

To change coefficients, press or to scroll back to the previous coefficients. You can also restart the Solver by pressing.

<u>Important:</u> Solving equations in Equation Solver Mode is the same as solving equations in Calculator mode, but the roots in Equations Solver mode will be more accurate when coefficients are too big or too small, or the equations are too complex to simplify.

6.5. <u>Base Calculation – Programming Mode</u>

Base Calculation – Programming Mode let you calculate the number in variety base and convert the result among them. Calculator ∞ support all base from 2 to 16 and many logical operators such as NOT, AND, OR, XOR, SHIFT LEFT, SHIFT RIGHT, DIV, MOD with powerful 64 Bit Integer (–9,223,372,036,854,775,808 to 9,223,372,036,854,775,807 for the signed number and 0 to 18,446,744,073,709,551,615 for unsigned number).

Press **BASE** to change the default base.

Press to insert the custom bases other than BIN, OCT, DEC, HEX.

Press to display the negative binary number in computer-store style (How the negative number is saved on standard computer memory).

Press to display the negative value of a positive number.

- + Notice: NEG and 2's are only available in BINARY Default Base.
- + Example: -50 is -110010 in BIN Base, But computer use 11001110 to present -50
- + Example & Explanation:

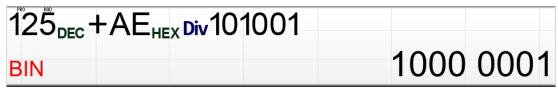


Figure 23. Example of Base Calculation

Figure 14 – Explanation: AE in **HEX** base divide by 101001 in default base (**BIN**), then add the result by 125 in **DEC** base. Display the result in Default base (**BIN**) = "10000001".

- + Notice: When input the number of default base, you don't need to input the followed base indicator (The Green small text/number).
- + Base Operator Priority:

Priority	Operations/Functions/Expressions
1 st	Base indicator (Green small text followed by the number)
2 nd	Parenthetical Expressions.
3 rd	NOT Operator
4 th	Multiplication, Division, Modulo (x, ÷, mod)
5 th	Addition, Subtraction, Shift Left, Shift Right (+, -, <<, >>)
6 th	AND Operator
7 th	OR, XOR Operator

6.6. Tutorial

Tutorial is very useful for new users, select it from Menu screen. Press [<<Back] or [Next>>] to scroll to previous or next tutorial page and [Skip] to exit.

7. Scheme URL (For Integration Developer)

- "CalculatorInfinity://AC": Launch Calculator Infinity and clear Display
- "CalculatorInfinity://Menu": Launch Calculator Infinity and open Main Menu
- "CalculatorInfinity://EXP/<Expression>": Launch Calculator and input "<Expression>"
 Ex: "CalculatorInfinity://EXP/12+4-(5x2)



Figure 24. Result of Example Scheme URL

+ Notice: Only Numbers & Basic Operator is supprted in Scheme URL.

8. Settings

Select Settings in Menu screen to configure your Calculator ∞. The configurations data will be applied when you touch [Apply] buttons. The current configurations data will be saved when you exit the program.



- Angle Unit: Select the current angle unit (Deg: Degree, Rad: Radian, Grad: Gradian).
- Auto Convert To Fraction: When a new expression is calculated, Calculator will try to convert its result to fraction automatically.
- Auto Return to NumPad after Sin,Cos,Tan... iPhone only: Keyboard will change to Panel 1 automatically for the number input follow Sin, Cos, Tan, Log, etc... functions.
- Sounds: Turn On/Off keyboard's sound, message box's sound.
- Long Press: Hold down response time.
- Clear All Data: Clear All Current Data (History, Variable, Statistical Data).
- Main Skin (iPhone/iPod only): There are two skins Violet and Titanium, Titanium is default
- Reset Default: Reset the configuration to default.
- Apply: Apply and Save the configuration data.
- Cancel: Cancel all configurations.

THE END