General Overview

DEG END M.DY CHN IN 1,234,567,890.12345_				
Finance	Business	Cash Flows		
Statistics	Scientific	Convert		
Date / Time	Solver	Utilities		
$\begin{array}{c} \text{2ND} \\ \text{QUI} \\ \text{K} \\ \text{NUM} \\ \text{%} \\ \sqrt{x} \\ \text{NV} \\ \text{NV} \\ \text{INV} \\ (\\ e^{x} \\ \text{DAT} \\ \text{ODAT} \\ \text{CLN} \\ \text{RCL} \\ \text{CE/C} \\ 0 \\ \end{array}$	$ \begin{array}{c} PROB\\ x^2\\ 1\\ COS\\ 0\\ \end{array} $ $ \begin{array}{c} STAT\\ 8\\ 8\\ - 5\\ - 1\\ CONV\\ PF\\ 2\\ - FORMAT\\ R $	CF \leftarrow NITS RAND $/x$ \div TAN $x!$ yx Xyx Xyx $XPr9 -RFIT$ ANS 3 ESET = - -		

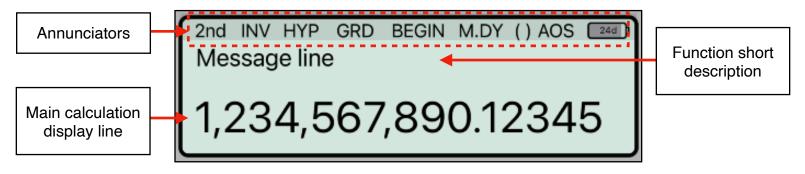
The **RLM-BA2** calculator application is an extensive set of tools and enhancements inspired in the real TI BAII Plus Professional calculator made by Texas Instruments.

The first "**BA II**" calculator was designed and introduced by Texas Instrument in 1976 and it was a pocket calculator designed specifically for financial use. In 1991 the "**BA II Plus**" was released with basic scientific functions added. In 2004, was updated to the latest "**BA II Plus Professional**" with some additional worksheet functions.

Basically, the **RLM-BA2** includes all the functionality of the latest BA II calculator model, but widely expanded with additional menus that rises the functionalities to the top professional level of financial and business calculators, keeping the easy to use and understand, with the best user experience in modern iOS devices.

Since the calculator is inspired in the real Texas Instrument's BAII+Professional, we strongly recommend that you obtain the original calculator **Owner's Manual** available in internet and review all the help topics from the top buttons of the HELP view.

Calculator Display



The RLM-BA" calculator's display has three areas: the message line, the main calculation line and the annunciators line.

Message line: Shows a relevant message depending of the calculation performed.

Main Calculation line: Shows the current entered number, a calculation in progress or a calculation result.

Annunciators: Show the current status of the calculators:

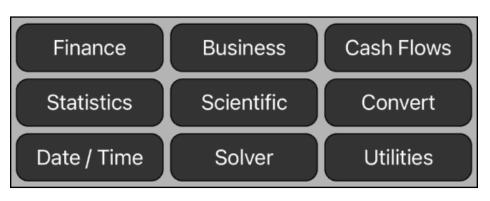
2nd	When shown, the 2ND (orange) functions are active in the keyboard.
INV	When shown, the inverse function is active for trigonomet- ric and hyperbolic functions.
НҮР	When shown, the hyperbolic function is active for SIN, COS and TAN.
DEG, RAD, GRD, DMS or ⊿%	Shows current angular unit (Degrees, Radians, Gradians, Degree-Minute-Second. Or Slope Percent
BEG or END	Shows the current TVM worksheet's payment mode. At the beginning or end of each period.
M.DY, D.MY, Y.MD	Shows the current date format.
()	When shown, a pending calculation is active.
AOS, CHN	Shows the current operating mode, Chain or Algebraic (in CHN mode, 1+2x3 is equal 9, in ALG mode is equal 7).
24d	"Virtual Battery" status showing the remaining number of days.

Touching the display at any time brings up the Help-Copy-Paste buttons to the front. There you can "**Copy**" the displayed number or "**Paste**" previously copied one.

The "?" button turn on the quick help hint for for a short description of any keyboard or worksheet button. As an example, in the following picture, the quick help for the "INV" key is shown. To get back to the normal display, simply touch the display again.

[INV]: Toggle the inverse trigonometric or hyperbolic functions of 'SIN', 'COS' and 'TAN' calculation.

Main Menu



Finance Menu		
Account Balance	Calculates the balance of a credit line type account at any date based on cash transactions and interest rates applied.	
Amortization	Calculates a loan Amortization Schedule from a single loan payment or from several payments at once.	
Bond Price & Yield	Calculates annual or semi-annual coupons bonds with actual calendar or 360 days year in an easy way with all at sight.	
Black-Scholes Options	Calculates the prices of a CALL option, PUT option and the Greeks values using the Black-Scholes European option valuation model.	
Depreciation	Calculates the Depreciation Schedule of an asset with all the values at sight, using SL, SOYD, DB, DBX, SLF or BDF methods.	
Interest Conversion	Calculates nominal and effective interest rates using either periodic or continuous compounding.	
TVM: Time Value of Money	Calculates compound Interest problems involving money earning interest over a period of time.	
Business Menu		
Bill-Tip-Split	Calculates the total and the amount to pay per person based on a bill amount, a number of persons and a tip percent or amount.	
Break-Even	Analyze a break-even analysis based on the following equation: Profit = (Price - Var.Cost) • Units - Fix.Cost	
Currency Exchange	Calculates a currency exchange between two selected world currencies and common crypto currencies.	
Percents & Margins	Calculates percent change, percent total and business margins in a single worksheet with all values at sight.	

Cash Flows Menu				
Equal Periods	Solve problems where different cash flows occur at regular time intervals.			
Unequal Periods	Solve problems where different cash flows occur at different dates.			
	Statistics Menu			
> (X,N) List Statistics	Statistics calculations over one (X,N) List of data samples.			
One List Statistics Two Lists Statistics Curve Fitting	Statistics calculations over one (X,N) List of data samples. Statistics calculations over two (X,N) Lists of data samples. Applies a regression model to fit a curve from two (X,N) Lists.			
(X,N) List Editor	Opens an editor to create or edit a (X,N) List.			
 (X,Y) List Statistics Statistics Curve Fitting (X,Y) List Editor 	Statistics calculations over one (X,Y) List of data samples. Statistic calculations over an (X,Y) List of data samples. Applies a regression model to fit a curve from an (X,Y) List. Opens an editor to create or edit a (X,Y) List.			
Probability	Calculates combinations, permutations and probability densities and lower-tail cumulative probability of selected distribution.			
Scientific Menu				
Angles & Polar	Convert Angles units and Polar-Rectangular coordinates.			
Logarithm	Applies Logarithmic functions to the displayed number.			
Number Alteration	Applies common number alteration functions.			
Trigonometry & Hyperbolic	Applies Trigonometric and Hyperbolic functions.			
Convert Menu				
Currencies	Calculates a currency exchange between two selected world currencies and common crypto currencies.			
Interest Rates	Calculates nominal and effective interest rates using either periodic or continuous compounding.			
Units	Calculates physical units conversions.			

Date / Time Menu		
Calculates Date and Time calculations with all values at sight.		
Solver Menu		
Solve arbitrary algebraic equations entered and saved in the equation editor and creates a menu with all the equation variables to solve any of them.		
Utilities Menu		
General Settings	Shows a view to customize the calculator to your preference.	
Memory Content	Shows a view to see all memory content and backup or restore it.	
Storage Registers	Storage Registers content and operations.	
Help Documents	Shows the help view to learn by example about all the calculator's worksheets.	
> Editors	Shows a submenu to select one of the different data editors.	
(Date, Trx) List	Opens an editor to create a list in the form "Date, Transaction".	
(Date, CF) List	Opens an editor to create a list in the form "Date, Value".	
(X,N) List	Opens an editor to create a list in the form "Value, Frequency".	
(X,Y) List	Opens an editor to create a list in the form "X-value, Y-value".	
Solver Equation	Opens an editor to create or edit equations used by the Solver.	
Units Conversion	Opens an editor for the physical units database.	

For further information and support go to... "<u>www.rlmtools.com</u>"

> or send an email to... "support@rlmtools.com"

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