

# RLM's 12C Expanded Functionality

The additional tools and features added to the real HP-12C are accessible by touching either the **OPT** key or the Calculator's **Logo**. This shows the Options Selection View over the keyboard (the **Blue** ones are present in the "Pro" models only, the **Red** ones are included in both).

General Settings	● Open the <b>General Settings View</b> to customize the calculator to your preferences.
Amortization Table	● Shows the complete amortization schedule of a loan taken the current values of "n", "i", "PV" and "PMT" registers.
Black-Scholes OVM	● Shows the Black-Scholes option valuation model tool to calculate the value of CALL and PUT options.
Bonds Price & Yield	● Shows the bond calculation tool with annual or semi-annual bonds with both, actual or 360 day calendars.
CFLO Calculations	● Shows the <b>Cash Flow calculations tool</b> to with additional functionality for calculate over the current cash flow data.
CFLO Editor	● Shows a convenient view to enter or edit the current cash flows data and to save or load cash flow data in files.
Convert Angles	● Shows a tool to convert the displayed value between degrees, radians, gradians or hour, minutes and seconds units.
Currency Exchange	● Shows a tool to convert between any two world currencies. The exchange rate can be updated on-line or entered manually.
Date & Time Math	● Shows a tool to expand the calculations involving dates and time. Also adds conversion between decimal and H.MS hours.
Depreciation	● Shows the complete depreciation schedule of an asset taken the current values stored in the financial registers.
Math Functions	● Shows an extended set of math and scientific functions, including trigonometric, hyperbolic and logarithmic functions.
Memory Registers	● Shows the current values stored in the 20 general data storage registers and functions to <b>Reset or backup all the memory</b> .
Probability Calc.	● Shows an extended set of probability functions, including combinations, permutations and Normal and Student CDFs.
Program Tracing	● Shows a tool useful for debugging programs that allows the programmer to execute one line at a time or undo steps.
Program Editor	● Shows a convenient view to enter or edit the current program and to save or load programs in files.
$\Sigma$ Forecasting	● Shows an extended set of functions to perform six statistical regressions models and data forecasting.
$\Sigma$ Data Editor	● Shows a convenient view to enter or edit statistic data samples and to save or load the data in files.
Tip Calculations	● Shows a tool to quickly calculate the bill-tip-total-split relation to directly split bills evenly within a group of people.
Unit Conversion	● Shows a tool to convert values whiting different physical units grouped in common categories.