Logarithms Menu

This tool implements the common Log functions. To show it, select the "**MATH**" menu from the main menu, and select the "**LOG**" tab or touch **[Shift] [LOG]** in the keyboard.

[β]	Inputs the "base" value to use in the Log_β and $ALog_\beta$ functions.
[Log_β]	Calculates the base "β" logarithm.
[$ALog_\beta$]	Calculates the base "β" anti-Logarithm (β^x).
[LN]	Calculates the Natural logarithm.
[EXP]	Calculates the Natural Anti-logarithm (e^x).
[LOG_{10}]	Calculates the Common logarithm (base 10).
[$ALOG_{10}$]	Calculates the Common Antilogarithm (10^x).
[LN(x+1)]	Calculates the Natural logarithm of the displayed number plus 1.
[EXP-1]	Calculates the Natural Anti-logarithm of the displayed number and subtracts 1 (e^x - 1).

Examples : (assumes FIX display format with 4 decimals)

Calculation	Keystrokes	Result
Base 2 logarithm of 125.43	2 **[ß]** 125.43 **[Log$_{ß}$]**	**6.9707**
Base 3 antilogarithm of 2.54	3 **[ß]** 2.54 **[ALog$_{ß}$]**	**16.2888**
Natural logarithm of 567	567 **[LN]**	**6.3404**
Natural antilogarithm of -0.25	0.25 **[+ / -]** **[EXP]**	**0.7788**
Common logarithm of 567	567 **[LOG$_{10}$]**	**2.7536**
Common antilogarithm of -0.25	0.25 **[+ / -]** **[ALOG$_{10}$]**	**0.5623**