

# Welcome to BlackBox Math Expert

This is just a few tips to get you going:-

Click **F1 to get help** on any feature currently selected.

The vertical labels on the right ---> can be clicked to reveal any toolbars or menus.

-The right mouse button will also activate these features.

The Equation Page has examples of what the Calculator can process. Double click any equation and then press calculate (or graph). In BlackBox, "equation" means any math expression that could equal a number answer. To BlackBox, " $y=\sin(x^2-2x) + \tan x$ ", " $2/500$ ", " $\text{Mass1}=2\text{Mass2}$ ", " $0.5$ " are all equations.

If you only use symbols like  $x, y, \pi, e$  in your math, you shouldn't have any trouble calculating but if you want to use your own symbols (ie. MyHeight = 1.81 m ), you will have to teach them to BlackBox. You do this either by using them straight away in a math expression ,  $y=2+\text{NewSymbol}$ , or by entering the info on the Symbols Page.

(Note:-If it is in the Variable box drop-down list, it is ready to use in Calculations). All these symbols and equations get stored in Math Files on disk, so you don't have to type them in again.

Click in the Equation box above with the left mouse button for the Function Keypad (to enter math functions).

The Symbols Page holds the details about the currently available symbols.

Click the Math File button below to get to the other sample Math Files.

Try anything you like - you won't damage the program and it is a good way to explore the program.

Thank you for trying BlackBox - we hope it is of use to you.

Sci-Math Software.

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