HP-95C Calculator Simulator

Project Design by Tony Nixon tnixon059@gmail.com
http://www.teenix.org

Best viewed in 1920 x 1080 screen resolution. (Minimum is 1280 x 720)

Calculator

Menu

The menu is activated by right clicking on the calculator

Menu Items

Sounds	Toggles card read/write motor or printing sounds playing
Low Battery Display	Shows the calculator display in low power mode
Calculator Key Legend	Toggles the PC key legend which displays on the bottom of the calculator face when the mouse is over a button.
Battery Reset	Clears all memory as though battery was removed and replaced
Show Key Overlay	Places the programming keys overlay on the calculator
Edit Overlay Text	Change the text on the overlay
Printer	
View Roll	View a listing of the complete roll
Print Roll	Print the contents of the print roll buffer
Discard Used Roll	Clear the contents of the print roll buffer The print roll buffer holds 200 printed lines
Print Head Speed	Adjusts the speed of the print head movement
About	Program version
Minimize	Minimize the program window
Close	Closes the program (Esc)

Switches

All switches can be activated by clicking on the labels adjacent to the switch.
The mouse cursor will change to a hand pointer

Moving The Calculator

Move the mouse over the calculator display
The mouse will change to a hand
Left click to “grab” the calculator and drag to a new position

Key Short Cuts

The PC keyboard short cuts for the calculator buttons are shown if the [Calculator Key Legend] menu item is enabled.

Basic Programming Information

The HP-95C operates the same as other types in this series. The difference is that it has partitioned program storage space, which means that up to four separate programs can be saved in memory. Up to 200 program steps can be saved in memory. Each partition can have any amount of steps as long as the total in all partitions does not exceed 200.

When set to Program Mode the display shows the current partition and code step and the key positions as it was entered on the keyboard.

Procedure	**Program Mode**	**Run Mode**
Run code		[A B C or D]
Moving to different partitions	[GTO] [.] [A B C or D] Start of partition code	[GTO] [A B C or D] Start of partition code
Clear Program	[g] [A B C or D]	
Print Program	[f] [A B C or D]	[f] [A B C or D]
SST	[SST] Moves to next step	[SST] Displays and executes step
BST	[f][BST] Moves to previous step	
Delete	[f][Delete] Deletes current step	
Subroutines		[GSB] [A B C or D] Finds label and executes partition [GSB][0 – 9] Finds label and executes subroutine

The calculator is a Continuous Memory model and will remember the program storage and display settings only when switched off.

Errors are displayed as SEEx where [x] is 1 to 7

SEE 1	Power disrupted to memory
SEE 2	Adding new program step when all 200 steps are used
SEE 3	More than 3 subroutine levels
SEE 4	After a label search and no label found
SEE 5	General mathematic errors such as divide by zero
SEE 6	Overflow of a storage register
SEE 7	STO i or RCL i when ABS(INT i) > 15

The full operating manual is available from the HP Museum.