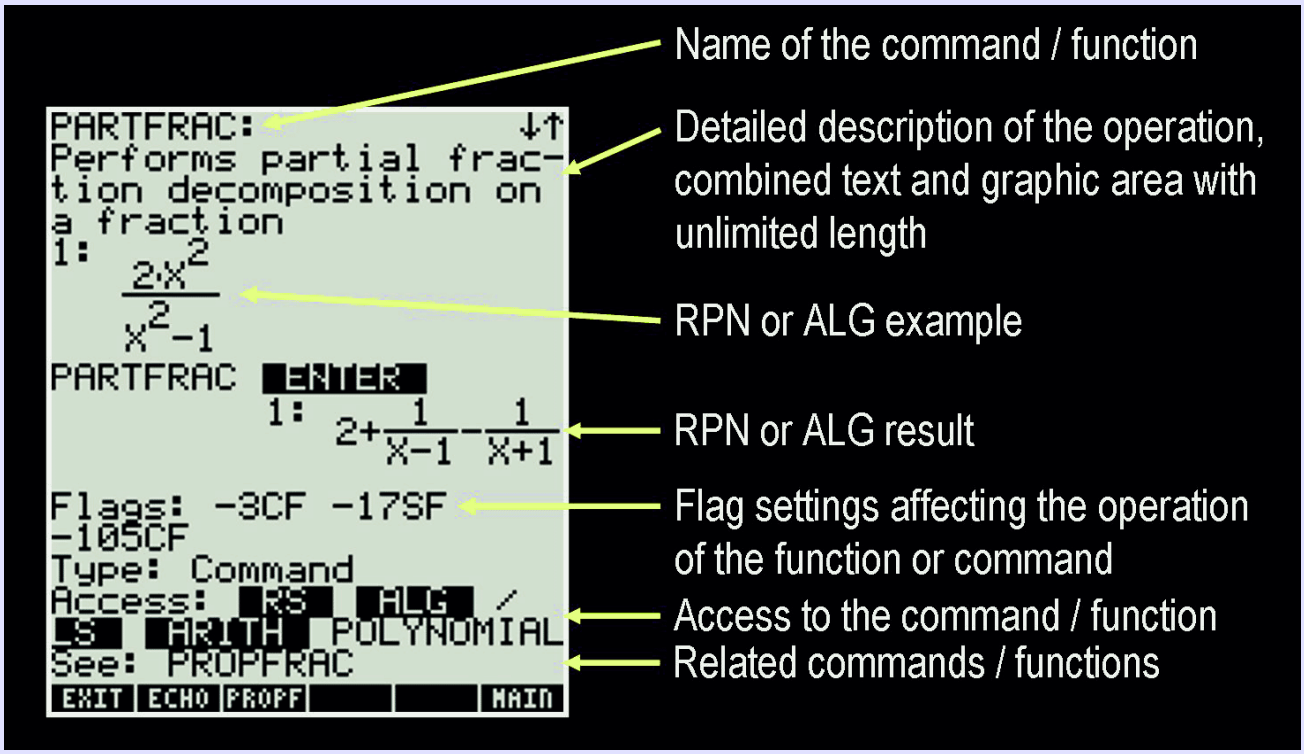
HELP for *all* commands incorporated into the O.S.

Full Command and Function Reference inside your HP 50g.

It is the manual *inside* your calculator !

- Help for 201 built-in CAS commands.
- Help for 563 built-in non CAS commands.
- Total help for 764 built-in commands.
- Context sensitive help from the stack
- "Hyperlinked" navigation to related commands.
- Detailed access for every commands
- Supports all built in fonts.
- Detailed description of the related flags used by the command / function
- Detailed description of all flags.
- Detailed description of all keyboard shortcuts.
- Detailed description of all reserved variables.
- Detailed description of the Computer Algebra System.

The new help in detail.



Use the help entry for HELP to learn how to use the new help.

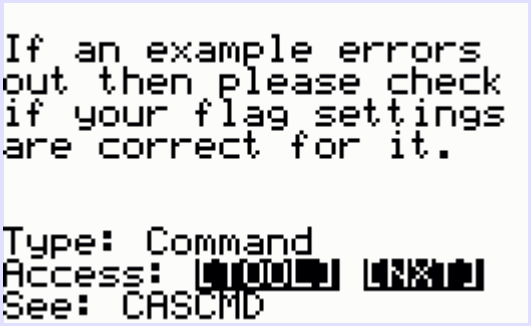
HELP: ↓↑
Shows help for the catalog

[ECHO] push example onto stack
[MAIN] help list
[APPS] show additional help links, if any
[MODE] toggle between

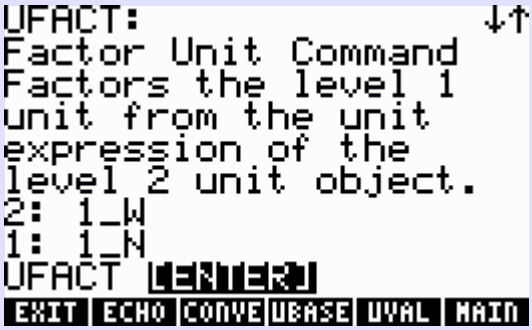
ALG/RPN
[VAR] toggle stack diagram
[SYMB] one page up
[COS] one page down
['] top of text
[<=] bottom of text
[HIST] related flags
[x^y] all flags
[EVAL] keyboard

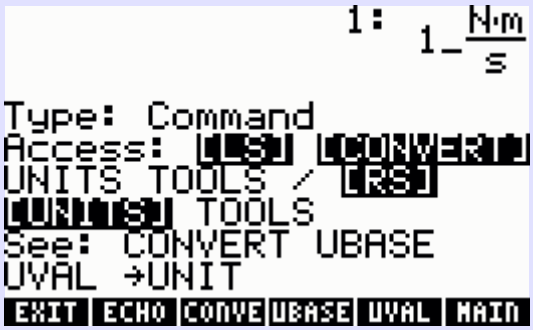
shortcuts
[√x] reserved variables
[EEX] using the CAS
[+/-] toggle current/mini font
[-] toggle menu bar
[←↑↓→] move screen, if applicable

Used abbreviations:
α = ALPHA key
α+ = hold ALPHA key
RS = right shift
RS+ = hold right shift
LS = left shift
LS+ = hold left shift
CF = clear flag
SF = set flag

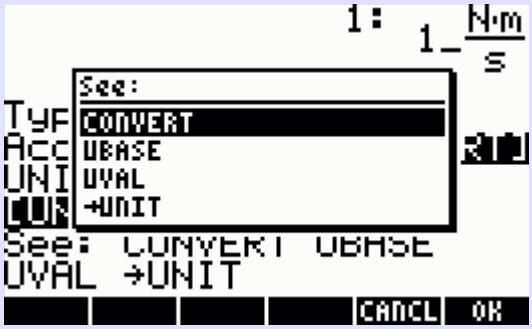


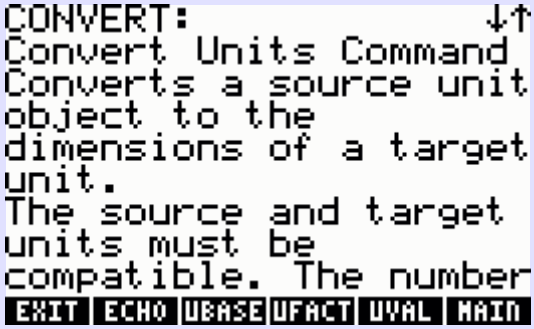
Get help for every command directly from the stack.

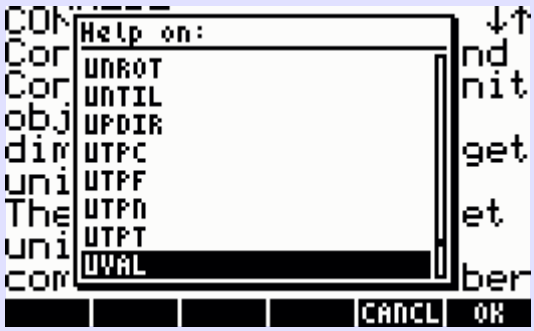


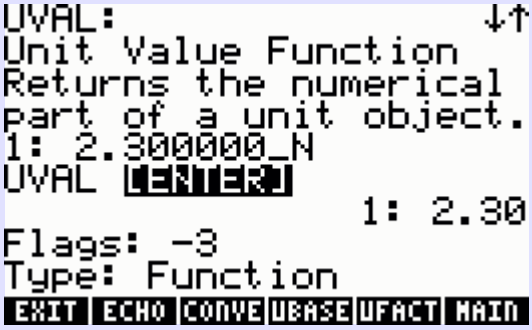


Jump directly to any related command (Key [APPS])...



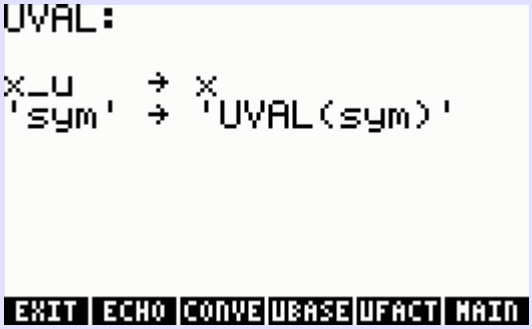


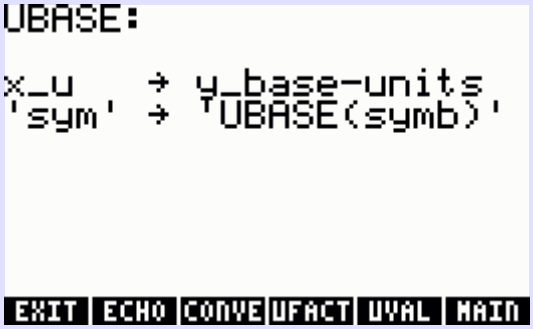




... or move to any other help entry.

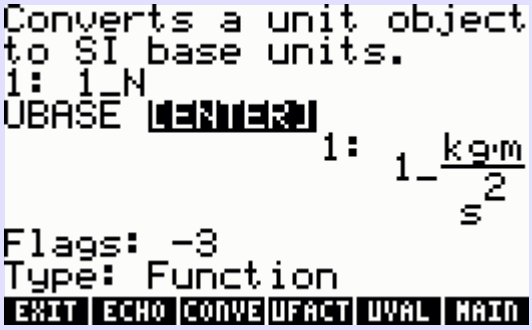
Get stack diagram for every command. (Key [VAR])



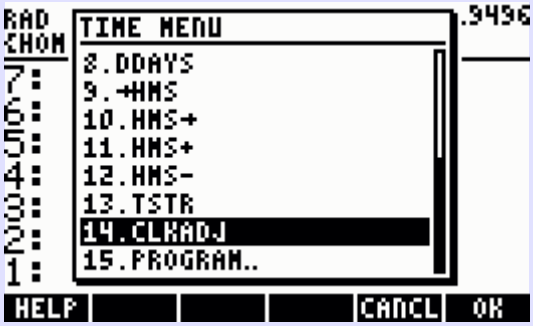


Use [VAR] to toggle between the help and the stack diagram.

Push example on the stack. (Key [ECHO])

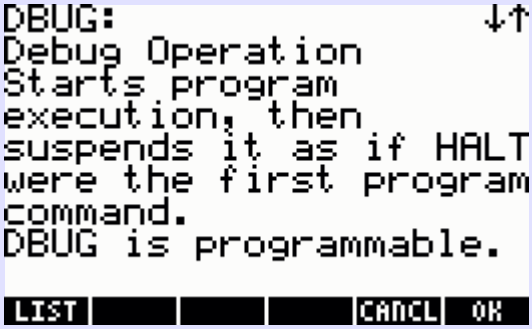


Help is available in every Choose Box menu ...



... and from the catalog of all functions.

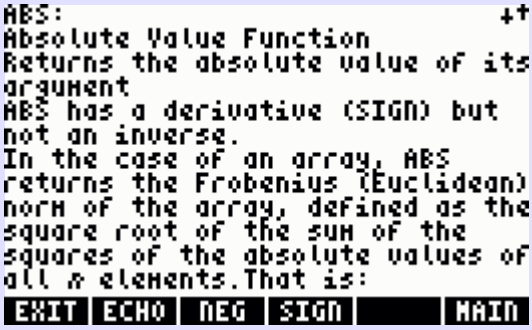
Help is available from every environment where the catalog of all functions is available.
For example in the programming environment ...

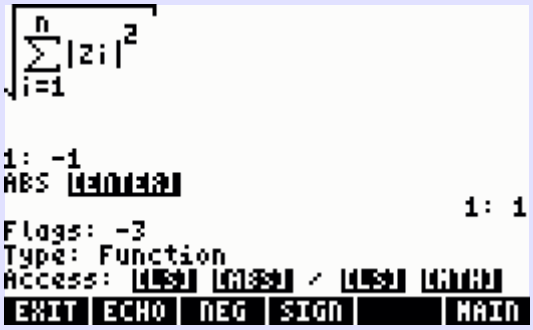


... so you can look up every command while you are programming.

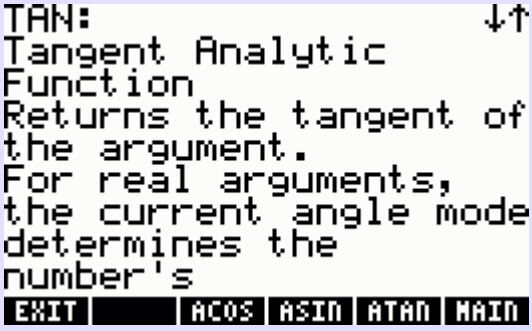
And then paste the command you need into the programming environment.

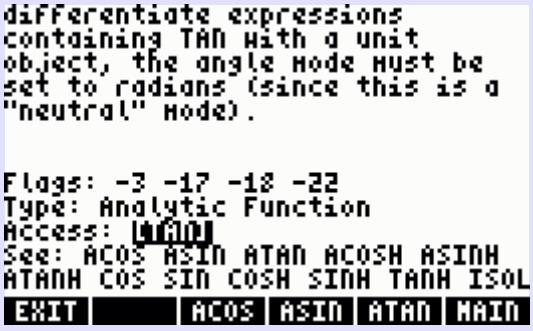
Supports all built in fonts.

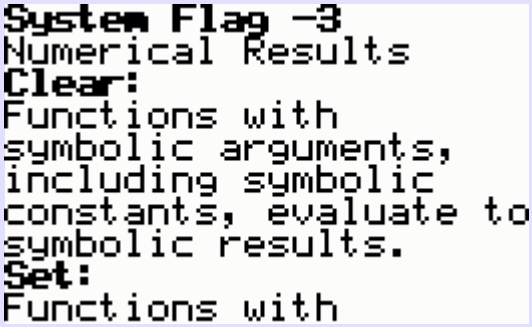


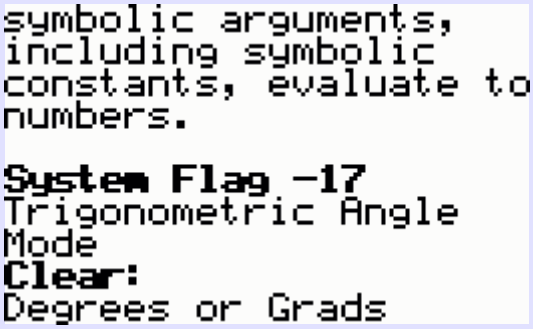


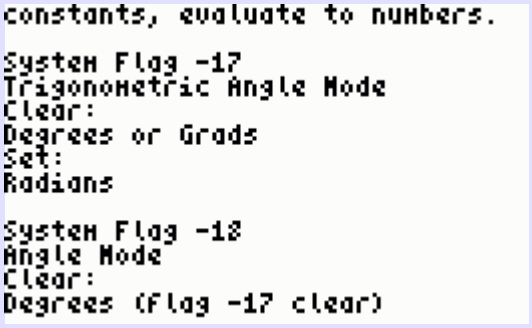
See detailed description of the related flags (Key [HIST]) used by the command or the function ...

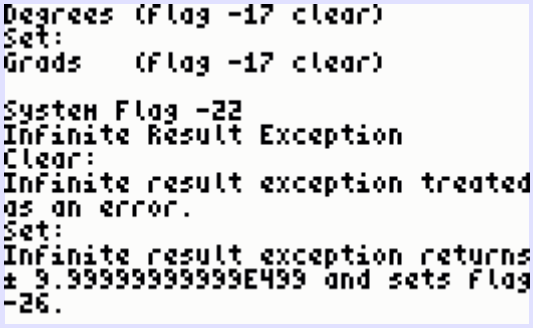












... or view all flags. (Key [y^x])

ABOUT FLAGS

Flags are mode settings and mode indicators. One can set, clear or test a system or user flag by specifying its number as argument of the UserRPL Flag commands.
SF: Sets the specified flag.
CF: Clears the specified flag.
FS?: Tests whether the flag on level 1 is set. Returns 1 if true, 0 otherwise.
FS?C: Tests whether the flag on level 1 is set, returning a corresponding test result, then clears it.
FC?: Tests whether the flag on level 1 is clear. Returns 1 if true, 0 otherwise.
FC?C: Tests whether the flag on level 1 is clear, returning a corresponding test result, then clears it.
System Flags are identified by negative numbers -1 to -128.

User Flags are identified by positive numbers 1 to 128.
You can set, clear, and test all flags, although certain Flags are used for specific purposes by the CAS and should not be altered.
The default state of the flags is clear - except for flags -17, -27, -34, -90, -95 and -128 and the Binary Integer Math Flags (Flags -5 through -12).

SYSTEM FLAGS

System Flag -1
Principal Solution
Clear:
Symbolic commands return a result representing all possible solutions.
Set:
Symbolic commands return only the principal solution.

System Flag -2

...

All variables are real variables.

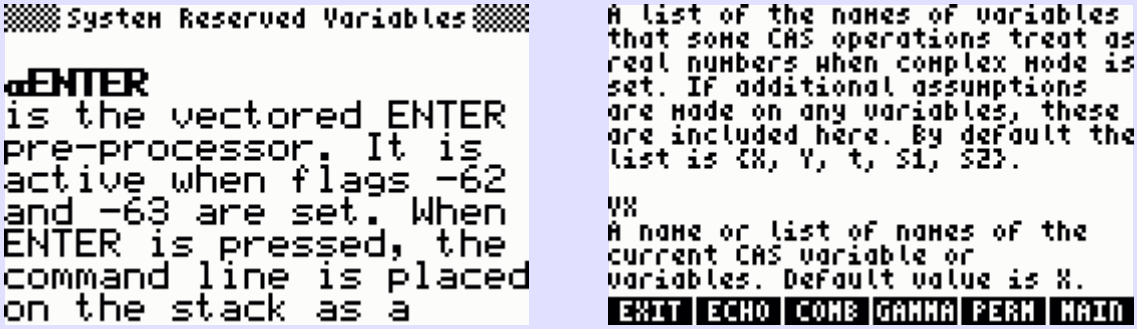
USER FLAGS

User Flag +60
Units Type
Clear:
CONST returns values in SI units.
Set:
CONST returns values in English units.

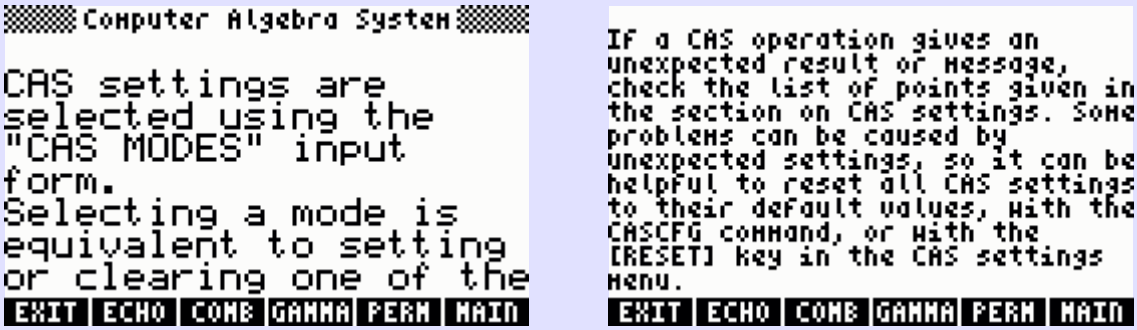
User Flag +61
Units Usage
Clear:
CONST uses units.
Set:
CONST uses no units.

Detailed description of all keyboard shortcuts. (Key [EVAL])

Detailed description of all reserved variables. (Key [√X])



Detailed description of the Computer Algebra System.
(Key [EEX])



Suggestions, criticism and/or improvements ?

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Please report any bugs and/or spelling mistakes and/or anything else notable to me.
Thanks.