

HOME	HOME					
g-shift	FP	IP	STOPW	ELEC	RECT $\odot$	POLAR $\circ$
f-shift	ROUND	RMD	SNAP	$\parallel$	LINPOL	$e^{i \times}$
unshifted	i	$i_{\odot}$	$x!$	$\frac{x}{y}$	10^x	e^x
Page 1	F1	F2	F3	F4	F5	F6

Prev menu https://47calc.com/doc/R47/Menus/R47v0_Menu_HIST_page_1.pdf

Next menu https://47calc.com/doc/R47/Menus/R47v0_Menu_HPLOT_page_1.pdf

Level	Label	Type	FullName	Extended description	Category	Flag	Catalog	Default
Menu p1	HOME	MENU	HOME	User menu to quickly access user selected menus and functions ; all buttons are user assignable ('riveted' look) ; initially populated for basic scitech options ; reset using HOME.R ; Shortcut : longpress [$\leftarrow$ f>] (because KEY.LP is SET ; also available in Normal Mode of PEM ; it is indicated by the white keyboard label «HOME»)	Customisation		HOME	
F1	i	Command	Complex number (rectangular notation)	Enter complex number (rectangular notation) whether RECT is set or not ; e.g. a i b ENTER results in a + b i ; Info : In NIM, works like CC with RECT set ; displayed according to flag CPX.j when in RECT mode	Complex numbers	CPX.j	op_ i	
F2	$i_{\odot}$	Command	Complex number (polar notation)	Enter complex number (polar notation) whether POLAR is set or not ; e.g. a $i_{\odot}$ b ENTER results in a $\angle$ b (according to ADM) ; Info : In NIM, works like CC with POLAR set ; displayed according to flag CPX.j when in RECT mode	Complex numbers	CPX.j	op_ $i_{\odot}$	
F3	x!	Function (monadic)	Factorial x! or $\Gamma(x+1)$	For Long integers : x! ; for Reals : $\Gamma(x+1)$; Info : Max integer: 450 (up to 1000 digits accurate) ; max real : 2123.549 956 662 463 236 31 ; integers > max are converted to reals	Mathematics		x!	
F4	$\sqrt[x]{y}$	Function (dyadic)	xth root	Xth root of Y	Mathematics		$\sqrt[x]{y}$	
F5	10^x	Function (monadic)	10 to the power x	Raise 10 to the power in the X-register	Mathematics		10^x	
F6	e^x	Function (monadic)	e to the power x	Raise e to the power in the X-register	Mathematics		e^x	
fF1	ROUND	Function (monadic)	Round	Round number to current display format (returns Real number)	Reals		ROUND	
fF2	RMD	Function (dyadic)	Remainder	Remainder of division of Y by X	Integers		RMD	
fF3	SNAP	Command	Screenshot	Save screenshot to backup file (.bmp) and save contents of stack or alpha buffer as backup file (.REGS.TSV) in FAT ; plays clicking sound ; Shortcut : [$\leftarrow$ f>] + [CHS] (DMCP-shortcut for screenshot bitmap only) ; longpress [EXIT] ; NIM long [EXIT] ; PEM longer [EXIT] ; Info : screenshot is saved in file SCREENS/<YYYYMMDD-HHMMSS00>.bmp ; SNAP also appends data to file DATA/<YYYYMMDD-HHMMSS00>.REGS.TSV ; new datafile after timeout of 2 minutes	Input-Output		SNAP	
fF4		Function (dyadic)	Parallel impedance	Parallel impedance : $(X \times Y) / (X + Y)$	Electrical engineering and characters			
fF5	LINPOL	Function (triadic)	Linear interpolation	Linear interpolation ; also works for Complex numbers and Dates ; Info : <from> ENTER <towards> ENTER <at> (fraction) LINPOL	Mathematics		LINPOL	
fF6	e^{ix}	Function (monadic)	Euler's formula	Rotate complex unit vector by X radians : $e^{ix} = \cos(x) + i \sin(x)$; Info : i or j displayed in stack and on soft buttons	Mathematics	CPX.j	e^{ix}	
gF1	FP	Function (monadic)	Fractional Part	Fractional Part of real number ; Shortcut : #TAM [LN] (F) for closed number	Fractions		FP	
gF2	IP	Function (monadic)	Integer Part	Integer Part of number (returns Real number) ; Shortcut : #TAM [R+] (I) for closed number	Fractions		IP	
gF3	STOPW	App	Stopwatch	Stopwatch with running time, counter and countdown (playing BEEP after running down) ; SBI : $\odot$	Time functions	RUNTIM	STOPW	
gF4	ELEC	MENU	Electrical engineering	Electrical engineering functions and custom programs ; Ref : https://47calc.com/doc/Application%20Notes/AN0006_C47_R47_JM_ELEC.pdf	Electrical engineering		ELEC	
gF5	RECT $\odot$	Setting (pgm)	Rectangular notation	Switch on rectangular notation ; Info : SBI $\angle$; $\odot$ is shown if flag SBcpX is SET ; SBI : $\angle$	Complex and coordinates	POLAR	RECT $\odot$	ON
gF6	POLAR $\odot$	Setting (pgm)	Polar notation	Switch on polar notation ; Info : SBI $\angle$; $\odot$ is shown if flag SBcpX is SET ; SBI : $\odot$	Complex and coordinates	POLAR	POLAR $\odot$	OFF

p1	HOME	Link
F1	i	
F2	$i_{\odot}$	
F3	$x!$	
F4	$\frac{x}{\sqrt{y}}$	
F5	10^x	
F6	e^x	
fF1	ROUND	
fF2	RMD	
fF3	SNAP	
fF4	$ $	
fF5	LINPOL	
fF6	e^{ix}	
gF1	FP	
gF2	IP	
gF3	STOPW	
gF4	ELEC	https://47calc.com/doc/R47/Menus/R47v0_Menu_ELEC_page_1.pdf
gF5	RECT $\odot$	
gF6	POLAR $\circ$	