

DISP	Display settings					
g-shift	IPART _↓	RADIX _↓	FPART _↓	FDIGS ₃₄	FRCYC ☐	TDISP ₀
f-shift	FRACT ☐	IRFRAC ☐	PROPFR ☒	DMX ₆₄	DENANY ☐	DENFIX ☐
unshifted	FIX ☐	SCI ☐	ENG ☐	UNIT ☐	SIG ☐	ALL ₃ ☒
Page 1	F1	F2	F3	F4	F5	F6

Prev menu https://47calc.com/doc/C47/Menus/C47_Menu_DEV_page_1.pdf

Next menu https://47calc.com/doc/C47/Menus/C47_Menu_DISP_page_2.pdf

Ref 1 https://47calc.com/doc/Application%20Notes/AN0028_C47_R47_JM_Configurability_Tour.pdf

Ref 2 https://47calc.com/doc/C47/Reference/C47_Regional.pdf

Ref 3 https://47calc.com/doc/Application%20Notes/AN0015_C47_R47_JM_Write_and_Read_Setting_Groups.pdf

Level	Label	Type	FullName	Extended description	Category	Flag	Catalog	Default
Menu p1	DISP	MENU	Display settings	Display settings ; Info : On DISP page 3, special indicators are used : $\diamond$: all group settings comply, $\diamond$: ≥ 1 group settings differ ; Ref : https://47calc.com/doc/Application%20Notes/AN0028_C47_R47_JM_Configurability_ToUr.pdf	Display		DISP	
F1	FIX $\circ$	Setting (pgm)	FIXed notation	Set numeric display mode to fixed notation with nn decimals (NDEC = nn = 0-19 ; DF = 1) ; TAM : FIX __ TamNonReg menu ; Info : this setting applies to Real numbers and Complex numbers	Display		FIX $\circ$	OFF
F2	SCI $\circ$	Setting (pgm)	SCientific notation	Set numeric display mode to scientific notation with nn decimals = nn+1 digits (NDEC = nn = 0-19 ; DF = 2) ; TAM : SCI __ TamNonReg menu ; Info : this setting applies to Real numbers and Complex numbers	Display		SCI $\circ$	OFF
F3	ENG $\circ$	Setting (pgm)	ENGineering notation	Set numeric display mode to engineering notation with nn+1 digits (NDEC = nn = 0-19 ; DF = 3) ; TAM : ENG __ TamNonReg menu ; Info : this setting applies to Real numbers and Complex numbers	Display		ENG $\circ$	OFF
F4	UNIT $\circ$	Setting (pgm)	Unit (prefix) notation	Set numeric display mode to unit (prefix) notation with nn+1 digits (NDEC = nn = 0-19 ; DF = 5) ; showing all or limited set of SI-prefixes depending on flag PFX.ALL ; if flag 1024 ⁿ is SET, binary prefixes are shown if available and long integer values are indicated by Z ; prefixes can be selected directly from menu Prefix ; TAM : UNIT __ TamNonReg menu ; Info : this setting applies to Real numbers and Complex numbers	Display	1024 ⁿ	UNIT $\circ$	OFF
F5	SIG $\circ$	Setting (pgm)	SIGNificant digits notation	Set numeric display mode to significant digits notation with nn+1 digits (NDEC = nn = 0-19 ; DF = 4) ; switching over to scientific or engineering notation when number of rounded trailing zeros exceeds group size (IPGRP) ; TAM : SIG __ TamNonReg menu ; Info : this setting applies to Real numbers and Complex numbers	Display		SIG $\circ$	OFF
F6	ALL ₃ $\odot$	Setting (pgm)	All digits notation	Set numeric display mode to ALL digits notation ; display all digits as far as possible with maximum nn decimal zeros (NDEC = nn = 0-19 ; DF = 0) ; TAM : ALL __ TamNonReg menu ; Info : this setting applies to Real numbers and Complex numbers	Display		ALL ₃ $\odot$	3
ff1	FRACT $\square$	Setting	Fractions mode	Switch on fractions mode ; not programmable - in PEM, use flag FRACT ; Info : FRACT and IRFRAC are linked (both cannot be ON at the same time ; /n or /max denotes maximum denominator (set interactively from menu DISP (DMX TAM variant) and from menu [INFO.3]ff5 (DMXX)) ; prefixes < and > may be shown as needed for rational fractions ; also see flag IRFRAC ; SBI : a ^b /n ; ^b /n ; [+ $\approx$]	Fractions	FRACT	FRACT $\square$	OFF
ff2	IRFRAC $\square$	Setting	Irrational fractions mode	Switch on irrational fractions mode ; not programmable - in PEM, use flag IRFRAC ; Info : IRFRAC and FRACT are linked (both cannot be ON at the same time ; SBI $\times$ I or $\cdot$ I indicates that approximate multiples or fractions can be used, of the irrational numbers $\sqrt{2}$, $\sqrt{3}$, $\sqrt{5}$, $\sqrt{7}$, ϕ , π^{-2} , π^{-1} , $\sqrt{\pi}$, π , π^2 , e^{-2} , e^{-1} , e and e^2 (with tolerance 10^{-24}) ; Prefix $\approx$ + <approximation> ; multiplication symbol SET for displaying multiplication symbol $\times$; CLEAR for displaying multiplication symbol $\cdot$ or SET for displaying multiplication symbol $\times$; CLEAR for displaying multiplication symbol $\cdot$ according to flag MULT $\times$; SBI $\approx$ indicates FDIGS < 34 ; SBI is shown if flag SBfrac is SET ; exit fraction modes by .d or CLRMOD (longerpress [EXIT]) ; SBI : a ^b /c $\times$ I ; ^b /c $\times$ I ; [+ $\approx$]	Fractions	IRFRAC	IRFRAC $\square$	OFF
ff3	PROFPR $\blacksquare$	Setting	Proper fractions	Switch on proper fractions (mixed fractions) ; not programmable - in PEM, use flag PROFPR ; SBI : a ^b /n ; ^b /n ; [+ $\approx$] ; a ^b /c $\times$ I ; ^b /c $\times$ I ; [+ $\approx$]	Fractions	PROFPR	PROFPR $\blacksquare$	ON
ff4	DMX ₆₄	Setting (pgm)	Set max denominator for fractions [TAM]	Set max denominator for fractions [TAM variant] ; maximum value of 32500 is set by button DMXmax on [TamNonRegMax.1]F2, stored as 0 and displayed as DMX _{max} ; TAM : DMX ____ TamNonRegMax menu ; range is [2, 9999] or 0, indicating DMXmax = 32500 ; SBI is shown if flag SBfrac is SET ; SBI : /nnnn ; /max	Fractions		DMX ₆₄	64
ff5	DENANY $\square$	Setting	Denominator any	Switch on any denominator (up to value set interactively from menu DISP (DMX TAM variant) and from menu [INFO.3]ff5 (DMXX)) in fraction display mode ; not programmable - in PEM, use flag DENANY ; Info : DENANY and DENFIX are linked (both cannot be ON at the same time ; SBI [+ $\times$] is shown if flag SBfrac is SET ; SBI : [+ $\times$]	Fractions	DENANY	DENANY $\square$	OFF

Level	Label	Type	FullName	Extended description	Category	Flag	Catalog	Default
fF6	DENFIX $\square$	Setting	Denominator fixed	Switch on fixed denominator (set interactively from menu DISP (DMX TAM variant) and from menu [INFO.3] fF5 (DMXX)) in fraction display mode ; not programmable - in PEM, use flag DENFIX ; Info : DENFIX and DENANY are linked (both cannot be ON at the same time ; SBI [+f] is shown if flag SBfrac is SET ; SBI : [+f]	Fractions	DENFIX	DENFIX $\square$	OFF
gF1	IPART $_$	MENU (item, nonpgm)	Select IP separator	Select integer part separator ; button label showing current separator ($_$) ; symbol $\emptyset$ for no separator ; Info : CAT.MENUS IPART	Display		IPART	
gF2	RADIX.	MENU (item, nonpgm)	Select radix	Select radix ; button label showing current radix (.) ; Info : CAT.MENUS RADIX	Display		RADIX	
gF3	FPART $_$	MENU (item, nonpgm)	Select FP separator	Select fractional part separator ; button label showing current separator ($_$) ; symbol $\emptyset$ for no separator ; Info : CAT.MENUS FPART	Display		FPART	
gF4	FDIGS ₃₄	Setting (pgm)	Set significant digits for fractions	Set the number of significant digits (1-34) used by the approximations of the fraction modes ; SBI $\approx$ indicates fractions can be approximated to be close enough (displayed if FDIGS < 34) ; TAM : FDIGS $_$ TamNonReg menu ; Info : SBI [+ $\approx$] is shown if flag SBfrac is SET ; SBI : [+ $\approx$]	Fractions	SBfrac	FDIGS ₃₄	34
gF5	FRCYC $\square$	Setting	Fraction mode full cycle	Switch on full cycle on key a b/c (g [Σ +]) ; not programmable - in PEM, use flag FRCYC ; Info : When FRCYC is ON full cycle is available, when OFF, flag PROPFR is excluded (used as is) and OFF state is included in cycle	Fractions	FRCYC	FRCYC $\square$	OFF
gF6	TDISP ₀	Setting (pgm)	Time display format	Set time display format : 0 = full ; 1,2 = hours/minutes ; 3 = hours/minutes/seconds ; 4,5,6 = 1,2,3 decimal places for the seconds ; TAM : TDISP $_$ TamNonReg menu	Display		TDISP ₀	0

p1	DISP	Link
F1	FIX ☐	
F2	SCI ☐	
F3	ENG ☐	
F4	UNIT ☐	
F5	SIG ☐	
F6	ALL ₃ ☐	
fF1	FRACT ☐	
fF2	IRFRAC ☐	
fF3	PROPFR ☐	
fF4	DMX ₆₄	
fF5	DENANY ☐	
fF6	DENFIX ☐	
gF1	IPART _L	https://47calc.com/doc/C47/Menus/xxx1.pdf
gF2	RADIX _L	https://47calc.com/doc/C47/Menus/xxx1.pdf
gF3	FPART _L	https://47calc.com/doc/C47/Menus/xxx1.pdf
gF4	FDIGS ₃₄	
gF5	FRCYC ☐	
gF6	TDISP ₀	