

BASE	Number base					
g-shift	64-BIT 0	32-BIT 0	16-BIT 0	8-BIT 0	FF	BITSET
f-shift	AND	OR	XOR	NOT		BITSHFT
unshifted	HEX	DEC	OCT	BIN	#	LINT
Page 1	F1	F2	F3	F4	F5	F6

Prev menu https://47calc.com/doc/R47/Menus/R47v0_Menu_AUDIO_page_1.pdf

Next menu https://47calc.com/doc/R47/Menus/R47v0_Menu_BASE_page_2.pdf

Level	Label	Type	FullName	Extended description	Category	Flag	Catalog	Default
Menu p1	BASE	MENU	Number base	Number base operations (Short integer (8.02-8.16)) ; Split screen : Displaying value of X according to setting dSI (short integer split screen lines) : 0 : <none> ; 1 : HEX ; 2 : HEX/DEC ; 3 : HEX/BIN/DEC ; if flag BCD is SET, instead of HEX, BCD is displayed with subscript digits and followed by subscript _{bcd} ; Info : on BASE page 2, special indicators are used : $\diamond$: all group settings comply, $\diamond$: ≥ 1 group settings differ	Number bases		BASE	
F1	HEX	Setting (pgm)	Hexadecimal	Convert X to hexadecimal and toggle hexadecimal mode ; if KEY _{A-F} is SET, digits A-F can be entered by pressing row 2 keys ; Shortcut : #TAM [RCL] (H) ; Info : values are displayed with subscript ₁₆ ; SBI : #BASE ; #KEY _{A-F}	Number bases	KEY _{A-F}	HEX	OFF
F2	DEC	Setting (pgm)	Decimal (short integer)	Convert X to decimal (short integer) and toggle decimal (short integer) mode ; entering digits A-F switches the calculator to hexadecimal mode ; when KEY _{A-F} is SET, the respective digit is included in the row 2 key's longpress preview cycle ; Shortcut : #TAM [y*] (D) ; Info : values are displayed with subscript ₁₀ ; SBI : #BASE ; #KEY _{A-F}	Number bases	KEY _{A-F}	DEC	OFF
F3	OCT	Setting (pgm)	Octal	Convert X to octal and toggle octal mode ; entering digits A-F switches the calculator to hexadecimal mode ; when KEY _{A-F} is SET, the respective digit is included in the row 2 key's longpress preview cycle ; Shortcut : <none> ; Info : values are displayed with subscript ₈ ; SBI : #BASE ; #KEY _{A-F}	Number bases	KEY _{A-F}	OCT	OFF
F4	BIN	Setting (pgm)	Binary	Convert X to binary and toggle binary mode ; entering digits A-F switches the calculator to hexadecimal mode ; when KEY _{A-F} is SET, the respective digit is included in the row 2 key's longpress preview cycle ; Shortcut : #TAM [$\sqrt{x}$] (B) ; Info : values are displayed with subscript ₂ ; SBI : #BASE ; #KEY _{A-F}	Number bases	KEY _{A-F}	BIN	OFF
F5	#	Setting (pgm, stack)	Number base	Set number base ; operates on all stack registers depending on BASE _{HP} ; TAM : $\rightarrow$ INT __ TamNonReg menu ; #TAM shortcuts : B = BIN ; D = DEC ; ENTER = DEC ; H = HEX ; Info : SBI is shown if flag SBfrac is SET ; exit base mode by .d, $\rightarrow$ I, [,] or CLRMOD (longerpress [EXIT]) ; SBI : #BASE ; #KEY _{A-F}	Number bases	KEY _{A-F}	$\rightarrow$ INT	OFF
F6	LINT	Function (monadic)	Long integer	Convert to Long integer (0) ; Info : Max 1000 digits	Integers		LINT	
fF1	AND	Function (dyadic)	AND	Bitwise AND	Bits and bytes		AND	
fF2	OR	Function (dyadic)	OR	Bitwise OR	Bits and bytes		OR	
fF3	XOR	Function (dyadic)	XOR	Bitwise XOR (exclusive OR)	Bits and bytes		XOR	
fF4	NOT	Function (monadic)	NOT	Bitwise NOT	Bits and bytes		NOT	
fF5								
fF6	BITSHIFT	MENU (item)	Bit shift functions	Activate menu BITS page 2 to access bit shift functions ; Info : Previews/OPENM as BITS $\diamond$ 2	Bits and bytes		BITS $\diamond$ 2	
gF1	64-BIT $\diamond$	Setting (pgm)	Word size 64 bits	Set word size to 64 bits, for Short integer (8.02-8.16) ; Info : <m> in SBI indicates sign mode (menu BITSET) ; SBI 64:<m> is shown if flag SBint is SET ; SBI : 64:<m>	Number bases	SBint	64-BIT $\diamond$	ON
gF2	32-BIT $\circ$	Setting (pgm)	Word size 32 bits	Set word size to 32 bits, for Short integer (8.02-8.16) ; Info : <m> in SBI indicates sign mode (menu BITSET) ; SBI 32:<m> is shown if flag SBint is SET ; SBI : 32:<m>	Number bases	SBint	32-BIT $\circ$	OFF
gF3	16-BIT $\circ$	Setting (pgm)	Word size 16 bits	Set word size to 16 bits, for Short integer (8.02-8.16) ; Info : <m> in SBI indicates sign mode (menu BITSET) ; SBI 16:<m> is shown if flag SBint is SET ; SBI : 16:<m>	Number bases	SBint	16-BIT $\circ$	OFF
gF4	8-BIT $\circ$	Setting (pgm)	Word size 8 bits	Set word size to 8 bits, for Short integer (8.02-8.16) ; Info : <m> in SBI indicates sign mode (menu BITSET) ; SBI 8:<m> is shown if flag SBint is SET ; SBI : 8:<m>	Number bases	SBint	8-BIT $\circ$	OFF
gF5	FF	Command	Flip flag	Flip flag (toggle) ; TAM : FF __ TamFlag menu	Programming		FF	
gF6	BITSET	MENU	Bit set functions	Bit set functions	Bits and bytes		BITSET	

p1	BASE	Link
F1	HEX	
F2	DEC	
F3	OCT	
F4	BIN	
F5	#	
F6	LINT	
fF1	AND	
fF2	OR	
fF3	XOR	
fF4	NOT	
fF5		
fF6	BITSHFT	https://47calc.com/doc/R47/Menus/R47v0_Menu_BITSHFT_page_1.pdf
gF1	64-BIT @	
gF2	32-BIT O	
gF3	16-BIT O	
gF4	8-BIT O	
gF5	FF	
gF6	BITSET	https://47calc.com/doc/R47/Menus/R47v0_Menu_BITSET_page_1.pdf