

| CLK       | Clock   |         |                    |        |        |       |
|-----------|---------|---------|--------------------|--------|--------|-------|
| g-shift   | Date→D  | Time→T  | WOY                | SECOND | MINUTE | HOURL |
| f-shift   | SETDAT  | SETTIM  | WDAY               | DAY    | MONTH  | YEAR  |
| unshifted | CLK12 ○ | CLK24 @ | TDISP <sub>0</sub> | DMY ○  | MDY ○  | YMD @ |
| Page 2    | F1      | F2      | F3                 | F4     | F5     | F6    |

Prev menu [https://47calc.com/doc/R47/Menus/R47v0\\_Menu\\_CLK\\_page\\_1.pdf](https://47calc.com/doc/R47/Menus/R47v0_Menu_CLK_page_1.pdf)

Next menu [https://47calc.com/doc/R47/Menus/R47v0\\_Menu\\_CLK\\_page\\_3.pdf](https://47calc.com/doc/R47/Menus/R47v0_Menu_CLK_page_3.pdf)

Ref 1 [https://47calc.com/doc/R47/Reference/R47v0\\_Date\\_formats.pdf](https://47calc.com/doc/R47/Reference/R47v0_Date_formats.pdf)

Ref 2 [https://47calc.com/doc/Application%20Notes/AN0014\\_C47\\_JM\\_dms\\_hms\\_and\\_ms.pdf](https://47calc.com/doc/Application%20Notes/AN0014_C47_JM_dms_hms_and_ms.pdf)

| Level      | Label   | Type               | FullName                 | Extended description                                                                                                                                                                                                                                                                                                                                                                        | Category       | Flag  | Catalog | Default |
|------------|---------|--------------------|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------|---------|---------|
| Menu<br>p2 | CLK     | MENU               | Clock                    | Clock functions, including setting date and time and julian day numbers (astronomy) ; Info : Use TDISP to 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 ; Ref : <a href="https://47calc.com/doc/R47/Reference/R47v0_Date_formats.pdf">https://47calc.com/doc/R47/Reference/R47v0_Date_formats.pdf</a> | Time functions |       | CLK     |         |
| F1         | CLK12 O | Setting (pgm)      | 12 hour clock            | Switch on 12h time display ; Format : HH24:MM ; HH:MMam/pm ; Info : SBI is shown if flag SBtime is SET ; SBI : HH:MMam/pm                                                                                                                                                                                                                                                                   | Display        | TDM24 | CLK12 O | OFF     |
| F2         | CLK24 @ | Setting (pgm)      | 24 hour clock            | Switch on 24h time display ; Format : HH24:MM ; HH:MMam/pm ; Info : SBI is shown if flag SBtime is SET ; SBI : HH24:MM                                                                                                                                                                                                                                                                      | Display        | TDM24 | CLK24 @ | ON      |
| F3         | TDISP0  | 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        |       | TDISP0  | 0       |
| F4         | DMY O   | Setting (pgm)      | Day.month.year           | Switch on DD.MM.YYYY display mode ; Format : DD.MM.YYYY ; Info : SBI is shown if flag SBdate is SET ; SBI : DD.MM.YYYY                                                                                                                                                                                                                                                                      | Display        | DMY   | DMY O   | OFF     |
| F5         | MDY O   | Setting (pgm)      | Month/day/year           | Switch on MM/DD/YYYY display mode ; Format : MM/DD/YYYY ; Info : SBI is shown if flag SBdate is SET ; SBI : MM/DD/YYYY                                                                                                                                                                                                                                                                      | Display        | MDY   | MDY O   | OFF     |
| F6         | YMD @   | Setting (pgm)      | Year-month-day           | Switch on YYYY-MM-DD display mode ; Format : YYYY-MM-DD ; Info : SBI is shown if flag SBdate is SET ; SBI : YYYY-MM-DD                                                                                                                                                                                                                                                                      | Display        | YMD   | YMD @   | ON      |
| ff1        | SETDAT  | Setting (pgm, HW)  | Set date                 | Set date ; hardware only (DMCP setting) ; Info : Error 126 -- Not available on the simulator -- is raised when this setting is performed on the simulator                                                                                                                                                                                                                                   | Time functions |       | SETDAT  |         |
| ff2        | SETTIM  | Setting (pgm, HW)  | Set time                 | Set time ; hardware only (DMCP setting) ; Info : Error 126 -- Not available on the simulator -- is raised when this setting is performed on the simulator                                                                                                                                                                                                                                   | Time functions |       | SETTIM  |         |
| ff3        | WDAY    | Function (monadic) | Day of week number (ISO) | Day of week number (ISO, of date in X) regardless of Week of Year rule set ; TI : [ISO day] Weekday                                                                                                                                                                                                                                                                                         | Time functions |       | WDAY    |         |
| ff4        | DAY     | Function (monadic) | Day                      | Day (of date in X)                                                                                                                                                                                                                                                                                                                                                                          | Time functions |       | DAY     |         |
| ff5        | MONTH   | Function (monadic) | Month                    | Month (of date in X)                                                                                                                                                                                                                                                                                                                                                                        | Time functions |       | MONTH   |         |
| ff6        | YEAR    | Function (monadic) | Year                     | Year (of date in X)                                                                                                                                                                                                                                                                                                                                                                         | Time functions |       | YEAR    |         |
| gf1        | Date→D  | Command            | Date                     | Current date ; TI : Weekday (shown for dates in X, Y, Z)                                                                                                                                                                                                                                                                                                                                    | Time functions |       | Date→D  |         |
| gf2        | Time→T  | Command            | Time                     | Current time                                                                                                                                                                                                                                                                                                                                                                                | Time functions |       | Time→T  |         |
| gf3        | WOY     | Function (monadic) | Week of Year             | Week of Year (of date in X) according to rule set (default : WOY150) ; TI : Week of Year =                                                                                                                                                                                                                                                                                                  | Time functions |       | WOY     |         |
| gf4        | SECOND  | Function (monadic) | Seconds                  | Seconds (of time in X)                                                                                                                                                                                                                                                                                                                                                                      | Time functions |       | SECOND  |         |
| gf5        | MINUTE  | Function (monadic) | Minutes                  | Minutes (of time in X)                                                                                                                                                                                                                                                                                                                                                                      | Time functions |       | MINUTE  |         |
| gf6        | HOUR    | Function (monadic) | Hours                    | Hours (of time in X)                                                                                                                                                                                                                                                                                                                                                                        | Time functions |       | HOUR    |         |