

| MODE      | Mode settings                                                                         |                                                                                       |                                                                                        |                                                                                        |                                                                                                    |                                                                                          |
|-----------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| g-shift   |                                                                                       |                                                                                       |                                                                                        |                                                                                        |                                                                                                    |                                                                                          |
| f-shift   | DMCP                                                                                  | ActUSB                                                                                |                                                                                        | eRPN  | RP <sub>HP</sub>  | CFLG                                                                                     |
| unshifted | DEG  | RAD  | GRAD  | SDIGS <sub>34</sub>                                                                    | RECT              | POLAR  |
| Page 1    | F1                                                                                    | F2                                                                                    | F3                                                                                     | F4                                                                                     | F5                                                                                                 | F6                                                                                       |

Prev menu [https://47calc.com/doc/C47/Menus/C47\\_Menu\\_MLoads\\_page\\_1.pdf](https://47calc.com/doc/C47/Menus/C47_Menu_MLoads_page_1.pdf)

Next menu [https://47calc.com/doc/C47/Menus/C47\\_Menu\\_MODE\\_page\\_2.pdf](https://47calc.com/doc/C47/Menus/C47_Menu_MODE_page_2.pdf)

Ref 1 [https://47calc.com/doc/Application%20Notes/AN0028\\_C47\\_R47\\_JM\\_Configurability\\_Tour.pdf](https://47calc.com/doc/Application%20Notes/AN0028_C47_R47_JM_Configurability_Tour.pdf)

Ref 2 [https://47calc.com/doc/Application%20Notes/AN0015\\_C47\\_R47\\_JM\\_Write\\_and\\_Read\\_Setting\\_Groups.pdf](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 | MODE                        | MENU                | Mode settings           | System (mode settings) settings ; Info : MODE replaces R47 menu PREF ; Ref : <a href="https://47calc.com/doc/Application%20Notes/AN0028_C47_R47_JM_Configurability_To ur.pdf">https://47calc.com/doc/Application%20Notes/AN0028_C47_R47_JM_Configurability_To ur.pdf</a>                                                                                                                                                                                                                                            | System                      |                  | MODE                        |         |
| F1      | DEG $\odot$                 | Setting (pgm)       | Set ADM to DEG          | Set Angular Display Mode to degrees mode (ADM = 0) ; Info : SBI $\odot$ is shown if flag SBadm is SET ; SBI $\angle$ is shown if flag SBang and SBadm is SET ; SBI : $^\circ$                                                                                                                                                                                                                                                                                                                                       | Angle tagging or conversion | SBadm            | DEG $\odot$                 | ON      |
| F2      | RAD $\circ$                 | Setting (pgm)       | Set ADM to RAD          | Set Angular Display Mode to radians mode (ADM = 2) ; Info : SBI $\angle$ is shown if flag SBang and SBadm is SET ; SBI : $^\circ$                                                                                                                                                                                                                                                                                                                                                                                   | Angle tagging or conversion | SBang            | RAD $\circ$                 | OFF     |
| F3      | GRAD $\circ$                | Setting (pgm)       | Set ADM to GRAD         | Set Angular Display Mode to gradians mode (ADM = 4) ; Info : SBI $\angle$ is shown if flag SBang and SBadm is SET ; SBI : $^\circ$                                                                                                                                                                                                                                                                                                                                                                                  | Angle tagging or conversion | SBang            | GRAD $\circ$                | OFF     |
| F4      | SDIGS <sub>34</sub>         | Setting (pgm)       | Set significant digits  | Set the number of significant digits (1-34) for rounding after each operation ; sets tolerance of solvers, plotting and CONV? ; value of 0 sets maximum precision (34) ; TAM : SDIGS __ TamNonReg menu ; Info : when SDIGS is set to the maximum value of 34, plotting uses 15 instead, otherwise it uses the value set by SDIGS                                                                                                                                                                                    | Mathematics                 |                  | SDIGS <sub>34</sub>         | 34      |
| F5      | RECT $\odot$                | Setting (pgm)       | Rectangular notation    | Switch on rectangular notation ; Info : SBI $\angle$ ; $\odot$ is shown if flag SBcp <sub>x</sub> is SET ; SBI : $\angle$                                                                                                                                                                                                                                                                                                                                                                                           | Complex and coordinates     | POLAR            | RECT $\odot$                | ON      |
| F6      | POLAR $\circ$               | Setting (pgm)       | Polar notation          | Switch on polar notation ; Info : SBI $\angle$ ; $\odot$ is shown if flag SBcp <sub>x</sub> is SET ; SBI : $\odot$                                                                                                                                                                                                                                                                                                                                                                                                  | Complex and coordinates     | POLAR            | POLAR $\circ$               | OFF     |
| fF1     | DMCP                        | Command (HW)        | Access DMCP menu        | Access DMCP menu ; hardware only ; use EXIT to return without RESET -- see <a href="https://technical.swissmicros.com/dm42/doc/dm42_user_manual.html#dmcp_sys_menus">https://technical.swissmicros.com/dm42/doc/dm42_user_manual.html#dmcp_sys_menus</a> ; Info : Error 126 -- Not available on the simulator -- is raised when this command is performed on the simulator ; Ref : <a href="https://47calc.com/doc/C47/Reference/C47_DMCP_menu.pdf">https://47calc.com/doc/C47/Reference/C47_DMCP_menu.pdf</a>      | System                      |                  | DMCP                        |         |
| fF2     | ActUSB                      | Command (HW)        | Activate USB disk       | Activate USB disk without exiting to DMCP ; hardware only ; Info : Error 126 -- Not available on the simulator -- is raised when this command is performed on the simulator                                                                                                                                                                                                                                                                                                                                         | System                      |                  | ActUSB                      |         |
| fF3     |                             |                     |                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                             |                  |                             |         |
| fF4     | eRPN $\boxplus$             | Setting             | Entry RPN mode          | Switch on interactive Entry RPN mode ; not programmable - in PEM, use flag eRPN ; Info : If eRPN is ON, in Numeric Input Mode, ENTER pushes the input value onto the stack, and if OFF, then it also duplicates X to Y ; without input or in Program Entry Mode, ENTER always duplicates X to Y ; only if eRPN is OFF, automatic stack lift is disabled after ENTER ; stack size SBI (8 or 4) is displayed in normal font if eRPN is ON and inverted if OFF ; SBI 8 or 4 is shown if flag SBss is ON ; SBI : 8 or 4 | Stack                       | eRPN             | eRPN $\boxplus$             | ON      |
| fF5     | RP <sub>HP</sub> $\boxplus$ | Setting             | Classic (HP) Rect/Polar | Switch on x : Re ; y : Im (RECT) ; r ; $\theta$ (POLAR) in X, Y ; not programmable - in PEM, use flag RP <sub>HP</sub> ; Info : RP <sub>HP</sub> OFF conforms to the way the C47 deals with complex numbers                                                                                                                                                                                                                                                                                                         | Complex and coordinates     | RP <sub>HP</sub> | RP <sub>HP</sub> $\boxplus$ | ON      |
| fF6     | CFLG                        | MENU (item, nonpgm) | Configuration flags     | Activate menu for setting system flags using FF (Flip flag) function ; Ref : <a href="https://47calc.com/doc/Application%20Notes/AN0028_C47_R47_JM_Configurability_To ur.pdf">https://47calc.com/doc/Application%20Notes/AN0028_C47_R47_JM_Configurability_To ur.pdf</a>                                                                                                                                                                                                                                            | Flags                       |                  | SYS.FL                      |         |
| gF1     |                             |                     |                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                             |                  |                             |         |
| gF2     |                             |                     |                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                             |                  |                             |         |
| gF3     |                             |                     |                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                             |                  |                             |         |
| gF4     |                             |                     |                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                             |                  |                             |         |
| gF5     |                             |                     |                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                             |                  |                             |         |
| gF6     |                             |                     |                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                             |                  |                             |         |

| p1  | MODE                         | Link                                                                                                                              |
|-----|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| F1  | DEG $\odot$                  |                                                                                                                                   |
| F2  | RAD $\circ$                  |                                                                                                                                   |
| F3  | GRAD $\circ$                 |                                                                                                                                   |
| F4  | SDIGS <sub>34</sub>          |                                                                                                                                   |
| F5  | RECT $\odot$                 |                                                                                                                                   |
| F6  | POLAR $\circ$                |                                                                                                                                   |
| fF1 | DMCP                         |                                                                                                                                   |
| fF2 | ActUSB                       |                                                                                                                                   |
| fF3 |                              |                                                                                                                                   |
| fF4 | eRPN $\boxtimes$             |                                                                                                                                   |
| fF5 | RP <sub>HP</sub> $\boxtimes$ |                                                                                                                                   |
| fF6 | CFLG                         | <a href="https://47calc.com/doc/C47/Menus/C47_Menu_CFLG_page_1.pdf">https://47calc.com/doc/C47/Menus/C47_Menu_CFLG_page_1.pdf</a> |
| gF1 |                              |                                                                                                                                   |
| gF2 |                              |                                                                                                                                   |
| gF3 |                              |                                                                                                                                   |
| gF4 |                              |                                                                                                                                   |
| gF5 |                              |                                                                                                                                   |
| gF6 |                              |                                                                                                                                   |