

HOME AUXILIARIES

Basic Programming

1. Program an Auxiliary List if required. [MENU 2, 3, 6]

IF you require the Home Auxiliary to control more than one Auxiliary, program an Auxiliary List. [MENU 2, 3, 6] (V2 or later)

- 1.1 Select an Auxiliary List number to program.
- 1.2 Program an Auxiliary List name.
- 1.3 Assign up to 8 Auxiliaries to the List.

2. Define the Home Auxiliaries. [MENU 7, 5, 5]

- 2.1 Select the Home Auxiliary Number to program.
- 2.2 Program the Name of the Home Auxiliary.
- 2.3 Define the Auxiliary OR Auxiliary List (V2 or later) that the Home Auxiliary will control.
When programming from the LCD Terminal the <ON> key will toggle between Auxiliary and Auxiliary List selection.
- 2.4 IF an Auxiliary List is selected, program the Auxiliary List control options. [O F o f]
 -ON when Home Aux On. Auxiliary List will be turned On when the Home Aux is turned On.
 -OFF when Home Aux On. Auxiliary List will be turned Off when the Home Aux is turned On.
 -on when Home Aux Off. Auxiliary List will be turned On when the Home Aux is turned Off.
 -off when Home Aux Off. Auxiliary List will be turned Off when the Home Aux is turned Off.
- 2.5 Define which Type/s the Home Auxiliary will belong to. Types are used to determine which Home Auxiliaries each User Type will be allowed to control via the Menu when they log on to an LCD Terminal and select Home Auxiliary Control. [MENU, 9, 1]
 There are 8 Home Auxiliary Types. At least one type must be defined. (Typically Type 1 unless you need to define different Home Auxiliaries to control for different User Types)
- 2.6 Program the Home Auxiliary options required. [T S]
 -Toggle from keypad. The Home Auxiliary can be controlled from specified LCD Terminals without the User logging on to the Terminal. (Using <RIGHT> arrow key)
 -SMS Control. The Home Auxiliary can be controlled remotely using the Short Message Service via the GSM modem option. (Available future version)

3. Check/Program Menu Groups. [MENU 2, 4, 1]

Before any User Types can control Home Auxiliaries via the Menu (MENU, 9, 1), access to the Control Menu must be allowed in their Menu Group.

- 3.1 Check the “Menu Options” programming in the relevant Menu Groups. [R A I T t . S C]
 Ensure that the “C” option (Control Menu) is set to Yes.

4. Check/Program User Types. [MENU 2, 2,]

Any User Types that are allowed to control Home Auxiliaries via the Menu must have the appropriate Home Auxiliary Types defined.

- 4.1 Check the “Home Auxiliary Types” programming in the relevant User Types.
Ensure that the required Home Auxiliary Types are set to Yes. (Typically Type 1; unless you need to define different Home Auxiliaries to control for different User Types)

5. Check/Program LCD Terminals. [MENU 7, 2, 1] (V3 or later)

LCD Terminals that are allowed to be used for Home Auxiliary Control without the User logging on to the Terminal (“Toggle from keypad” option) must have the Home Auxiliary Control option enabled.

Note: Prior to V3, any LCD Terminal can be used to control Home Auxiliaries that have the “Toggle from keypad” option enabled.

- 5.1 Check the “Logged Off” options for the relevant LCD Terminals. [A T L R H C]
Ensure that the “H” option (H**ome** Auxiliary Control) is set to Yes.

Control of Home Auxiliaries by Inputs

IF you need an Input (Zone Input or System Input) to control a Home Auxiliary, the following additional programming is necessary. Input control of Home Auxiliaries can be in addition to, or in place of User Control.

e.g. External lighting may be controlled by a User at an LCD Terminal and also by a push button switch and/or automatically by a light detector.

If User Control of Home Auxiliaries is not required at all in the system, ignore steps 3, 4 and 5.

6. Program the Input/s that are required to control Home Auxiliaries. [MENU 7, 0]

- 6.1 Select the Input to be programmed/edited and program a name and other attributes as described in “Alarm Processing”.
- 6.2 Program the Home Auxiliary number that you require the Input to control.

7. Check/Program the Process Group Home Auxiliary Control options. [MENU 2, 4, 3]

If the Inputs are only to be used for Home Auxiliary Control, or are assigned to a separate Area that is only used for this function, a dedicated Process Group can be programmed for each type of control required. e.g. One Process Group may be programmed to provide On/Off control on Alarm/Seal, while another may be required to Toggle the Home Aux. state on Alarm. (Recommended)

You may need to edit existing Process Groups if the Inputs are already used for other monitoring and/or control functions and you are not using a separate Area for this function.

- 7.1 Select the Process Group to be programmed/edited and program a name and other attributes as described in “Alarm Processing” if required.
- 7.2 Ensure that the required “Input Type” options are programmed. [T A E X U P L S]
 - Ensure the “T” (Tamper) option is set to Yes if the Home Auxiliary is to activated on a Tamper state.
 - Ensure the “A” (Alarm) option is set to Yes if the Home Auxiliary is to activated on an Alarm state.
- 7.3 Program the required Home Auxiliary Actions. Select one of the four Home Auxiliary Actions for each of the three possible Input states.
 - Home Aux action on Seal.
 - Home Aux action on Alarm.
 - Home Aux action on Tamper.

The actions available are: None / Turn On / Turn Off / Toggle.
Toggle is used to change the state of the Home Auxiliary from it’s current state to the opposite state.
- e.g. For Momentary Pushbuttons wired with the normal End-Of-Line Resistor network for Seal & Alarm states:
 - Set “Home Aux on Alarm” to “Toggle” for Push On/Push Off control.

For Two position Toggle switches wired with the normal End-of-Line Resistor network for Seal & Alarm states:

 - Set “Home Aux on Alarm” to “Turn On”.
 - Set “Home Aux on Seal” to “Turn Off”.
- 7.4 IF the Home Auxiliary action needs to be a timed action (e.g. Turn On for 20 minutes), program the appropriate Home Auxiliary Options. [O M]
 - Override Time.** Set to Yes if the timer associated with this function will override any other timer currently running on the Auxiliary. Set to No if other timers take precedence and are allowed to time-out.
 - Minute Timer.**
 - Set to No if the time period is to be specified in Seconds.
 - Set to Yes if the time period is to be specified in Minutes.
- 7.5 Program the Home Auxiliary Timer period in seconds or minutes as specified in the previous option. To disable the timer option, ensure the time period is set to “000”.

8. Assign the Input/s to the Area/s. [MENU 7, 1]

Inputs that control Home Auxiliaries must be assigned to an Area, and the Area turned On for the function to operate.

- 8.1 Select the Area that the Input/s are to be assigned to.
You may choose an existing Area,
OR create a new Area just for Inputs that are used to control Home Auxiliaries. If you create a new Area, first program a name and any other attributes required as described in “Alarm Processing”.
- 8.2 Assign the Input/s to the Area using the appropriate Process Group/s for each Input. For each Input choose the Process Group that provides the required Home Auxiliary control actions and options.

9. Program options for Auxiliary States on System Reset.

In the rare event of a system reset, all Auxiliaries will normally turn Off until turned On again by a new Event. When Auxiliaries are used for Building Automation purposes it is often preferable to maintain those Auxiliaries in the state they were in before the reset occurred.

- 9.1 Program the “Panel Options” in the General Systems Options Menu. **[MENU, 7, 5, 1]**
[N D F R f + I .]
IF you require the states of some Auxiliaries to be maintained after a system reset, Set the “N” option (No Aux Off on Reset), to Yes.
- 9.2 IF you set the above option to Yes, for each Auxiliary used in the system, define whether this rule will be followed.
e.g. Auxiliaries controlling lighting, etc. would normally be required to be maintained, while it may be more appropriate for Auxiliaries controlling locks on external doors to be turned Off on a system reset.

Select Auxiliary Timer Programming. **[MENU, 5, 5]**

Set the “Off on Reset” option to No for Auxiliaries that will be maintained on a system Reset.

Set the “Off on Reset” option to Yes (default setting) for Auxiliaries that will turn Off on a system Reset.