LUTRON

HomeWorks QS Programming Checklist

This checklist is intended to provide reminders during the programming stage of the project. Following this checklist can help reduce debugging time at the job site.

☐ **Set the processor's time and date**
The processor requires the correct time and date for the Time Clock to work properly. Don't forget that if your job site is in a different time zone than your home office, your laptop time may not be correct, and telling the software to synchronize the processor's time and date with the laptop's will result in Time Clock problems. Lutron Connect, if used, will automatically synchronize with the processor to keep its time valid.

☐ **Vacation Mode**
Remember to select the zones you wish to include in vacation mode on the vacation mode tab. Don't bother assigning zones that are controlled by the Time Clock since the Time Clock continues to operate while vacation mode is active. Also, it is generally advisable to exclude any zones that are not visible from the outside of the home.

☐ **Program a Vacation mode control button**
If you are using vacation mode, you must program a button on a keypad to turn it on and off. The most common programming for this is a toggle, with "Enabled" assigned to the ON preset and "Disabled" assigned to the OFF preset.

☐ **Security Mode**
Remember to set up security mode on the programming screen. Typically, exterior lights are set to flash, inside lights set to full on, shades set to the open preset, and local devices locked. If you are activating security mode from a QSE-IO input, for example, remember to not include that QSE-IO in the list of devices to be disabled, otherwise you cannot terminate security mode from the QSE-IO.

☐ **Security mode timeout**
It is a good idea to check the security mode timeout box so that a fault in the security system does not cause a vacation home to flash lights for months on end.

☐ **Don't disable the keypad you are using**
If you program a keypad button to disable multiple keypads, exclude the keypad that you are putting the programming on unless you have specifically planned another way to re-enable this keypad.

☐ **Re-enable keypads**

If you have buttons that disable keypads, it is good practice to re-enable the keypads with a Time Clock event that occurs late every night just in case the homeowner forgets how to turn the keypads back on.

☐ **Enter keypad engraving**

The software generated engraving report can be used for ordering engraved buttons and faceplates from Lutron. While the buttons and plates are on order, the Engraving Report printout can be used as temporary engraving by hanging it on the wall next to the control station. Temporary button labels can also be used.

NOTE: Engraving for legacy devices cannot be submitted from the HomeWorks QS programming software. You will need to define the engraving and generate the report using HomeWorks Illumination software.

☐ **Select Integration-Enabled Devices and Areas**

Choose which devices and areas are to be enabled for control from a 3rd party control system or from an Android or iOS device. This can be determined using the Tools > Configure Integration section of the software.

☐ **Create telnet logins**

Create a telnet user name and password for each integration device that will connect to the processor. This can be determined using the Tools > Configure Integration section of the software.

☐ **Program a keypad to manipulate state variables**

A good way to test conditional programming based on state variables is to program an unused keypad address to manipulate the system's state variables. By pressing these buttons, you can set a state variable to a specific state, and then test a certain path through a conditional statement. Bring an extra keypad to the job site and temporarily wire it to the system when testing.

☐ **Verify correct LED logic is selected**

For each keypad button, make sure the correct type of LED logic is being utilized. This will ensure the end user receives logical feedback from their keypad status LEDs.

☐ **Verify correct button types are selected**

Different button types will result in different behavior. It is important that the logic used matches the customer's expectations in terms of functionality.

☐ **Setup virtual/homeowner keypads**

This will allow for the programming of additional scenes, beyond what exists on the physical keypads. It will also allow the homeowner to edit keypads in their app without affecting the programming on the physical keypads. Virtual/homeowner keypads can also be useful for 3rd party integration.