LUTRON

HomeWorks QS Commisioning Checklist

This checklist is intended to help you during activation and transfer. Prior to Commissioning (be sure to bring the following to the job site):

☐ **The most recent HomeWorks QS beta (latest features) or non-beta (most time in-field) software**
This is downloaded by signing in to your myLutron account, at www.lutron.com, and going to Service & Support > Software Downloads.

☐ **Standalone Router**
Bringing your own router to the job site is a best practice in the event that the homeowner's network configuration presents commissioning challenges. Using your own router will ensure that you can get the HomeWorks QS system up and running to verify standard functionality.

NOTE: For full functionality (Connect App, 3rd party integration, etc.) it will be important to get the processors on the home network. For more networking information, visit www.lutron.com/networking

☐ **Laptop with Ethernet port**
A Windows computer or laptop is required for programming a HomeWorks QS system. Having a native Ethernet port on the laptop will help prevent potential issues caused by Ethernet adapters.

☐ **Ethernet cables**
Ethernet cables are require to connect the HomeWorks QS processor to the LAN. An Ethernet cable will be required to connect a laptop physically to the LAN for connecting to the HomeWorks QS processor(s) for activation and transfer. Ethernet cables may also be required when integrating other equipment with the HomeWorks QS system using IP.

☐ **Digital Multi-meter**
This is very useful for testing RPM modules as well as for finding communication link shorts.

☐ **DIN rail screwdriver**
Hopefully you have a Lutron blue DIN rail screwdriver that fits nicely into the RPM terminal blocks.

☐ **RPM rotary address switch screwdriver**
The rotary address switch on the RPM requires a very small flat head screwdriver.

☐ **LT-1a link terminators**
These came in the MI and H48 boxes, but if they weren't installed originally, you may need some. 120 ohm resistors work if you don't have LT-1a's.

☐ **Spare processor terminal blocks**

Activation

☐ **Plug in all RF seeTouch Tabletop Keypads to power**
If a keypad remains on battery power, it will not wake up to enter activation mode.

☐ **Pair Car Visor Transmitters locally to the Visor Control Receiver**
Car Visor Transmitters do not use Clear Connect to communicate to the Visor Control Receiver and must be paired locally using the Learn button on the Visor Control Receiver. Follow the device instructions to pair the transmitter to receiver.

☐ **QSM must be activated prior to activating devices assigned to the QSM**
Pico Wireless keypads, Radio Power Savr Sensors, and Light Sensors can be paired to the QSM, placing their wireless communication onto the QS Wired Link. You must also transfer to the system after activating the QSM to ensure you can activate devices to the QSM.

☐ **EcoSystem Modules must be activated prior to activating drivers assigned to the module**

You must also transfer to the system after activating the Eco module to ensure you can activate drivers connected to the module.

☐ **Change the frequencies on one way devices if multiple RF frequencies are utilized**

If multiple RF frequencies are used, the frequencies of one way devices (Picos, wireless sensors, etc.) must be changed accordingly.

☐ **Firmware update devices on the wired link**

DPMs, QSGs/WPMs, QSMs, and DMX devices should be updated to the latest firmware version by selecting the correct update option in the **Tools** menu.

Transfer

☐ **Plug in all RF seeTouch Tabletop Keypads to power**
If a keypad remains on battery power, it will not be able to accept the transfer of information and will show as a transfer failure.

☐ **Leave a copy of the latest database at the job site**
It is possible to extract the database from any of the processors on the site, however it is a good practice to save a backup copy on a USB memory stick and leave it inside the processor panel to provide another source of file backup for the site.

☐ **Walk the site to verify button programming**
Test all button programming while on-site and make sure logic works correctly. Use terminal to set times and variable states while testing.