

Each wired motion sensor package includes:

- Ceiling mount motion sensor,
- anchors and screws for mounting,
- wire nuts,
- double sided tape

IMPORTANT!:

LOW WIRING VOLTAGE INSTALLATION NEEDED TO INSTALL WIRED MOTION SENSORS

LOW VOLTAGE WIRES DO NOT NEED TO HAVE THE SAME COLOR AS THE "WIRED MOTION SENSORS" OR "CONTROLLER HARNESS" BUT WHEN CONNECTING LOW VOLTAGE WIRE TO SENSORS AND CONTROLLER, THE WIRE COLORS AT THE SENSOR NEED TO MATCH THE COLORS AT THE CONTROLLER AS INDICATED IN THE CHART BELOW.

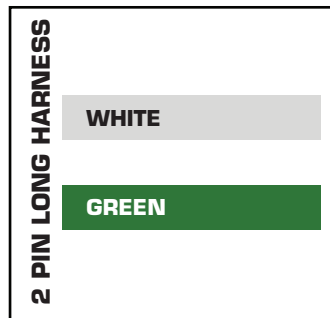
Use 22/4 cable or similar size/4 wire.



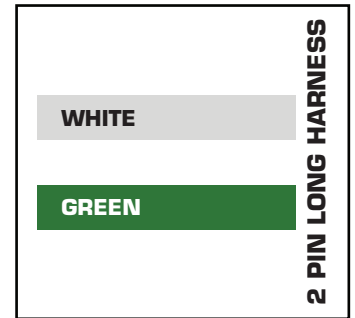
Low voltage wiring needs to be installed needs to be ran from the "wired motion sensor" locations, to the controller location.

Match the harnesses as follows:

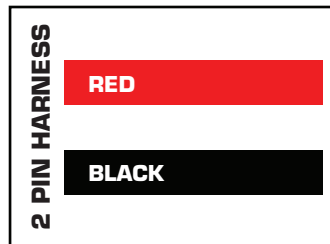
Controller Harness



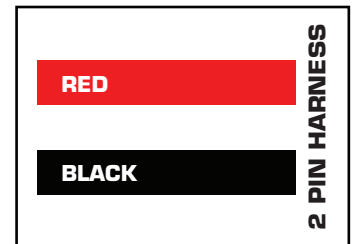
Wired Motion Sensor Harness

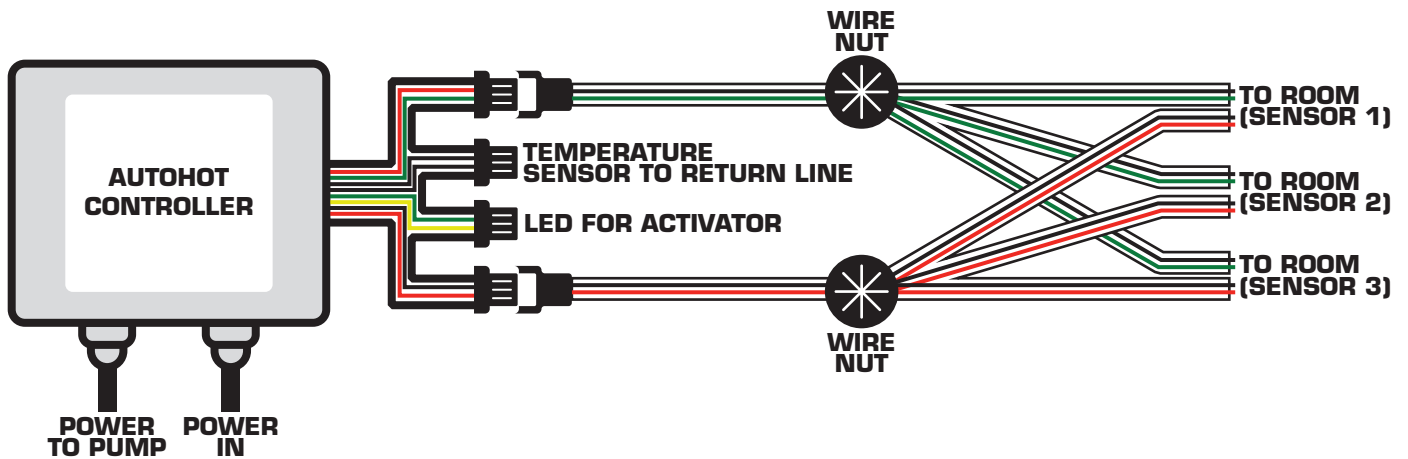
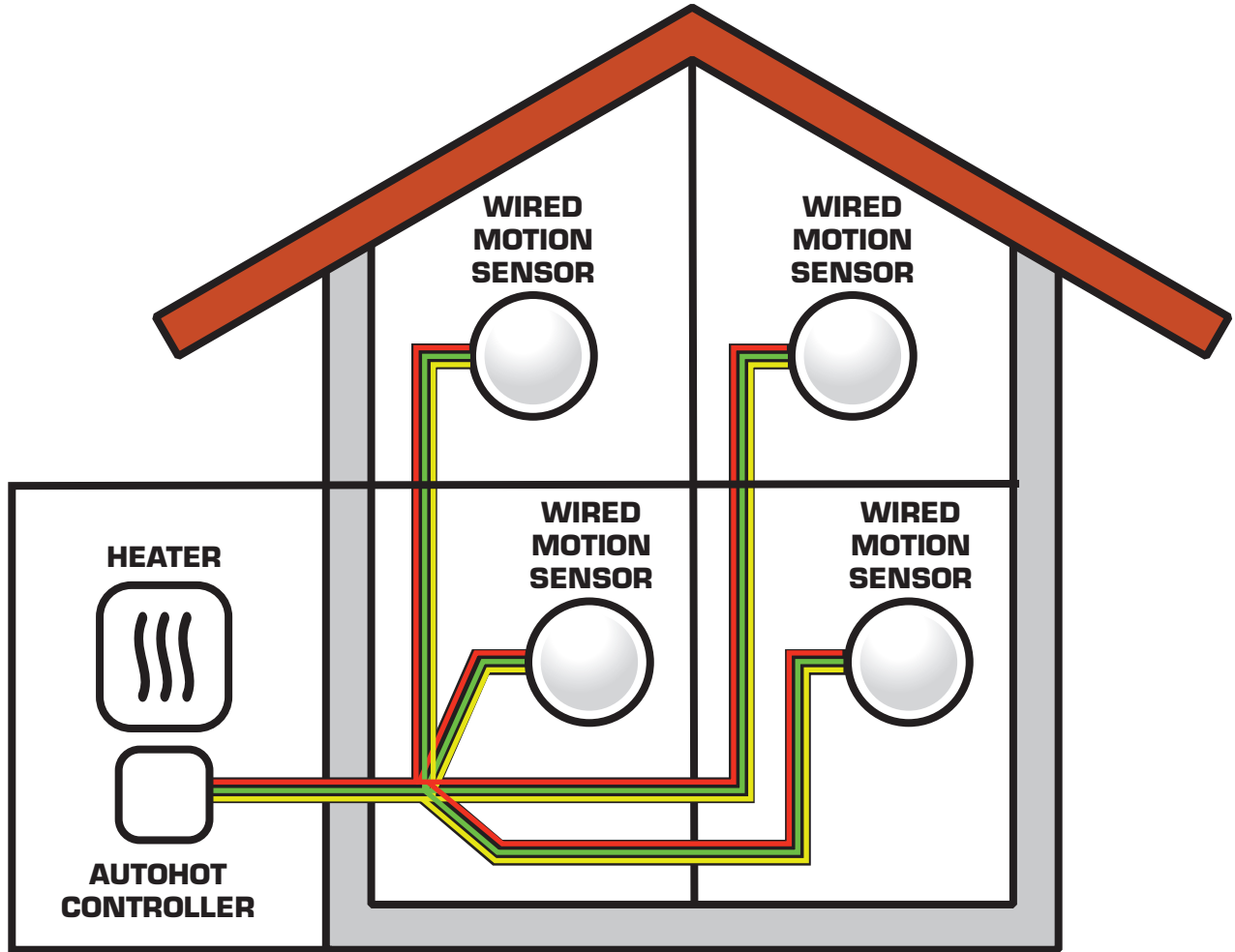


Controller Harness



Wired Motion Sensor Harness

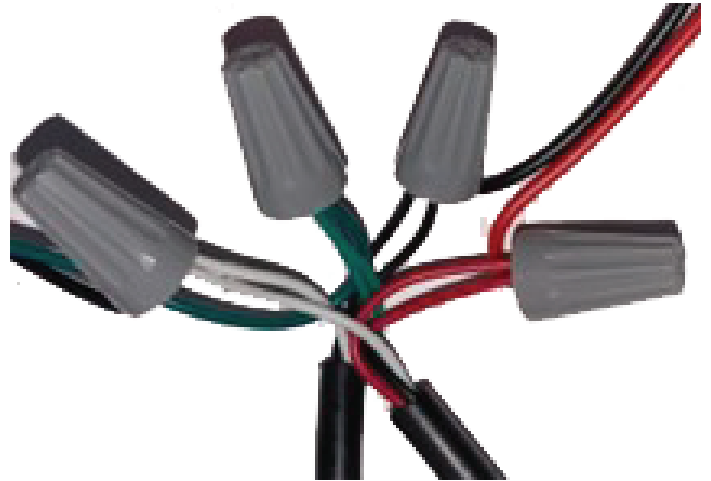




Red and **Black** Harness for the Wired Push Button Activators and Wired Motion Sensors.

Harness with Two **Black** Wires are for the Temperature Sensor.

The short **Green** and **White** Harness is for the LED Activators with a **Red** lighted indicator.



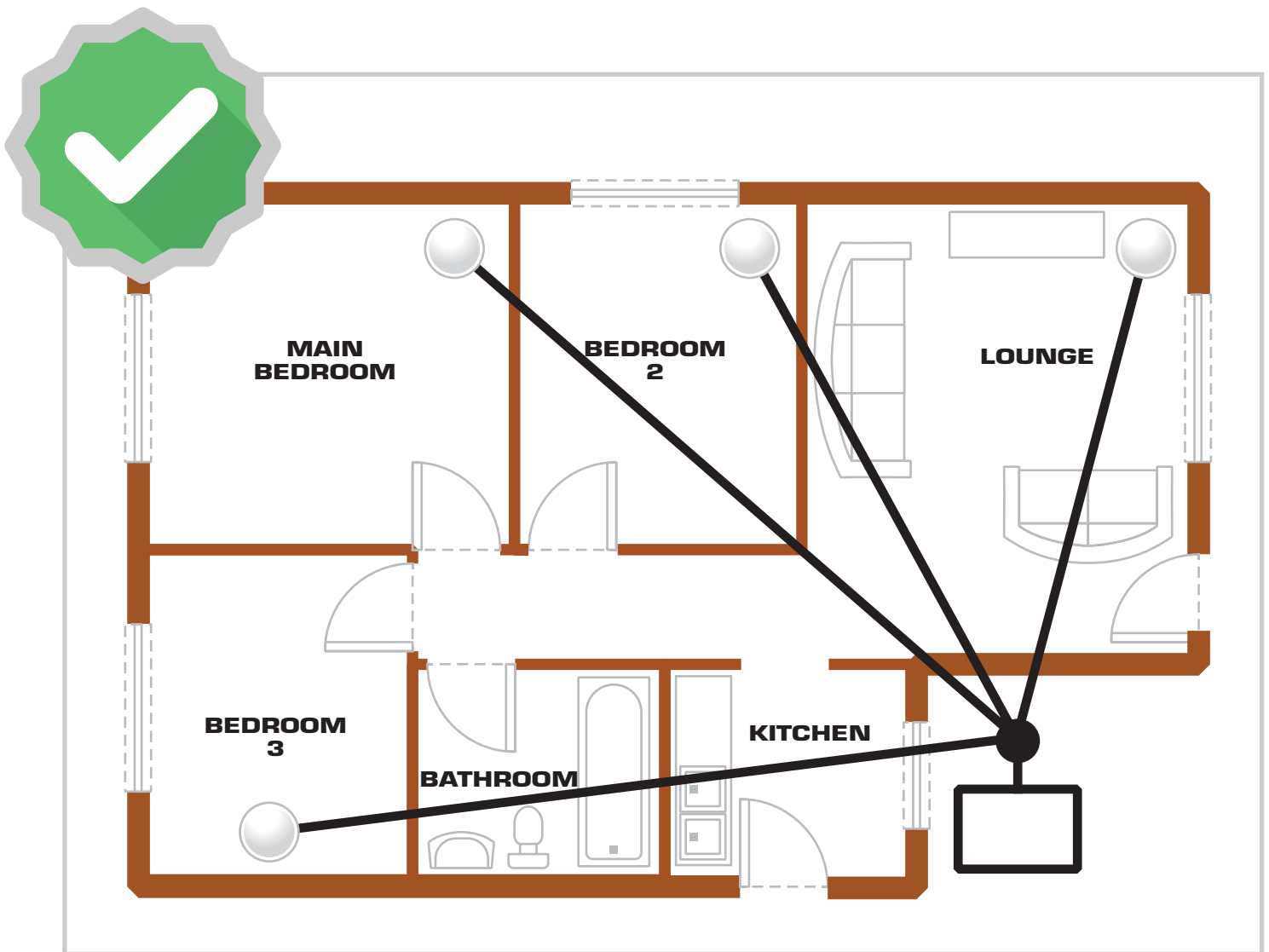
The Long **Green** and **White** Harness is for Power for the Wired Motion Sensors.

The Wired Motion Sensor is a 5 VDC Powered by the Demand Controller.

The recommendation is to run low voltage wiring from the location of the sensors, to the location of where the demand controller will be installed, all of the wires will be spliced at the controller's location. In case of troubleshooting, there will be one point to look for errors. This will be accessible and easy to work with because this is the point where all of the cables will be coming out of the wall.

For Example: You can test one sensor at a time before you bundle everything together and plug directly into the demand controller.

This low voltage wiring configuration is recommended.



This second configuration to run low voltage wire will also work, but it can present many problems. Running one main cable, and branching out to the other sensor locations is risky, if one of the connections to the main cable is not correct and presents cross wiring, grounding or electrical shorts issues, there will be many points to check which might not be easily accessible and will be very hard to find or correct.

This low voltage wiring configuration is NOT recommended.

Warning:

Cross wiring will damage the controller and will not be covered by warranty.
Troubleshooting/service and replacement of controllers will be a separate charge.

