Application note
SDX-135Z, interconnect setup

2.0   Release Date: 11/07/2018

Creating an interconnect network:

1. Power up all smoke detectors.
2. Once the LEDs on all detectors are pulsing red press and hold the button on one detector until it beeps twice.
3. The LEDs on all detectors will start pulsing green.
4. Once all detectors are pulsing green the detector that was used to create the network will be pulsing at twice the rate of the others.
5. Locate this detector centrally in the house.
6. Either wait 15 minutes for the network to automatically close itself or close the network by pressing and holding the button on any of the detectors until it beeps twice.
7. Do not power down any of the detectors for at least 10 minutes after the network is closed.

Adding a detector to an existing network
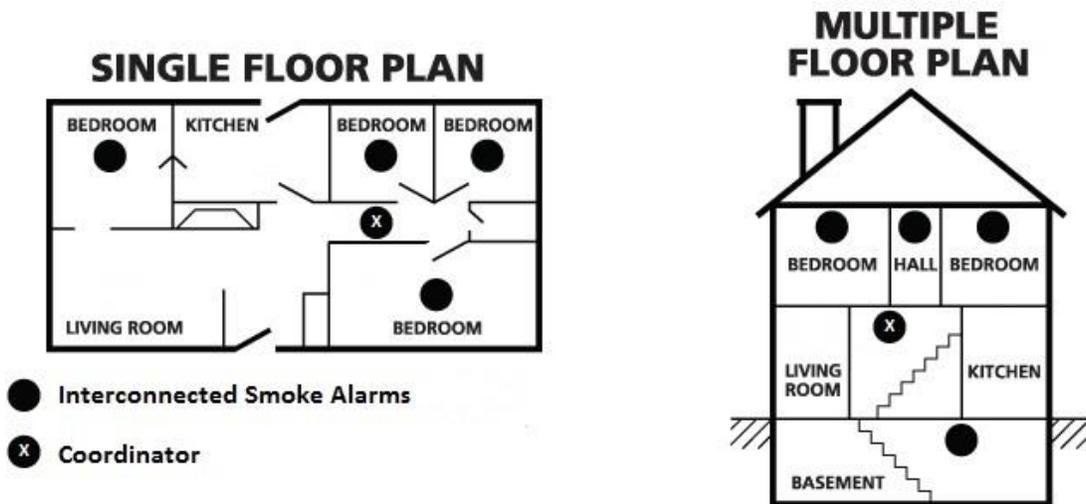
1. Open the network:
   a. Place a magnet on the test point on one of the existing detectors.
   b. When the detector beeps twice and the LED flashes red rapidly remove the magnet.
   c. While the LED is flashing red rapidly press and hold the button until the detector beeps twice.
   d. The LEDs on all existing detectors will start pulsing green.
2. Power up the new detector.
3. The new detector's LED will switch from pulsing red to pulsing green when it finds the network.
4. Either wait 15 minutes for the network to automatically close itself or close the network by pressing and holding the button on any of the detectors until it beeps twice.
5. Do not power down any of the detectors for at least 10 minutes after the network is closed.

For more troubleshooting details, please reference to the installation guide under "Troubleshooting Guide"

One detector in the interconnect acts as a coordinator. This detector should be located centrally in the installation.

To identify which detector is the coordinator:
1. Open the network
   a. Place a magnet on the test point on one of the existing detectors.
   b. When the detector beeps twice and the LED flashes red rapidly remove the magnet.
   c. While the LED is flashing red rapidly press and hold the button until the detector beeps twice.
   d. The LEDs on all existing detectors will start pulsing green.
2. One detector will be pulsing at twice the rate of the rest of the detectors, this is the coordinator.
3. Place this detector centrally in the installation.
4. Either wait 15 minutes for the network to automatically close itself or close the network by pressing and holding the button on any of the detectors until it beeps twice.
5. Do not power down any of the detectors for at least 10 minutes after the network is closed.

SINGLE FLOOR PLAN

● Interconnected Smoke Alarms

Ⓧ Coordinator

MULTIPLE FLOOR PLAN

Procedure to default network settings on a detector:

1. Place a magnet on the test point.
2. When the detector beeps twice and the LED flashes red rapidly remove the magnet.
3. While the LED is flashing red rapidly press and hold the button until the detector beeps three times.
4. Release the button and wait for the detector to start pulsing red.
5. This detector is now in power up mode, if it is going to be added to a network follow the instructions for adding a detector to an existing network.
6. If it is going to be a standalone detector either wait 15 minutes or press and hold the button until the detector beeps twice, then release and press and hold again until the detector beeps twice again.