



Frequently Asked Questions

SeaHawk LDZ4 - Four Zone Water Leak Detection Panel

1. I have a wet fire system in the ceiling above my UPS. Can I use one zone in the ceiling and a second zone under the raise floor? I want to turn off my UPS if there is a leak detected in the ceiling and just alarm if there is a leak under the floor.

Answer: *No. The LDZ4 has summary alarm relay outputs and does not have individual outputs per zone. So, the LDZ4 leak detected relay output will energize when there is a leak on zone 1, 2, 3 or 4. The solution is to use single zone leak detection panels. If you are only using two zones, it is more economical to use two single zone panels. Using two LDZ1's will save about 15% in parts cost. Using the LDZ1-NA will save about 35% in parts costs.*

2. I am only using three of the four zones. Can I just leave the fourth zone disconnected?

Answer: *No. If you leave a zone disconnected the panel will alarm on cable fault. A simple solution is to connect the white leader cable to the unused zone and connect the end of line terminator to the end of the leader cable and then coil it up under the floor. Another solution is to place two short jumpers on the connector of the unused zone. Jumper the "W" terminal to the "B" terminal and jumper the "G" terminal to the "R" terminal.*

3. How often should I test the system, and what is the best way to test the LDZ4?

Answer: *We recommend testing the system monthly for cable break and leak detection. First, disconnect a cable on zone one (uncouple the connector between two cables) and verify that the panel indicates a cable break alarm on the correct zone. Then reconnect the cable and verify that the panel returns to normal. Second, place water on the cable (hold a damp cloth on it) and verify that the panel alarms a leak detected on the correct zone. Then remove the water, dry the cable and verify that the panel returns to normal. Repeat these tests for all zones used.*

4. The LDZ4 can monitor a maximum of 1,000 feet. Is the 1,000 feet limit per zone or total?

Answer: *Per zone.*

5. I have 200 feet of non-sensing cable between the panel and the start of the zone three sensing cable. Is the length of the non-sensing cable considered part of the 1,000 feet maximum length per zone?

Answer: *No. Only the sensing cable counts towards the 1,000 feet maximum per zone.*