

# Engineering Specification

Job Name \_\_\_\_\_

Contractor \_\_\_\_\_

Job Location \_\_\_\_\_

Approval \_\_\_\_\_

Engineer \_\_\_\_\_

Contractor's P.O. No. \_\_\_\_\_

Approval \_\_\_\_\_

Representative \_\_\_\_\_

## POLD

### LDS-3-POLD



### Features

- Black Box dimensions are 3.9" x 2.2" x 0.94"
- Adjustable 4.5" antenna
- Durable water-resistant plastic enclosure designed to be installed in a dry location
- Rear battery compartment
- Powered by two AAA batteries (approx. 2 yrs life, if no alarms)
- Optional 3VDC wall power in lieu of batteries
- Unobstructed transmission range of approximately 100'
- Optional Water Detection Cable 2ft, 5ft, or 10ft (LDS-3-WDC-##ft)

### Initial Start-Up\*

1. Insert 2 AAA batteries into the enclosure in the correct polarity as labeled in the battery compartment
2. Test the sensor by touching the two metal sensor pins with water
3. The sensor should quietly beep and the Control Panel should alarm
4. The unit should self-clear once moisture is not sensed. If this does not happen, open the battery compartment on the POLD and press the reset button for 1-3 seconds until silent (or remove and re-insert one battery)
5. Replace the battery compartment cover and place sensor in desired location
6. Following an alarm notification, after resetting the sensor, determine that there isn't an active leak. Once you've confirmed that there is no leak, return to the control panel.
7. Clear Alarm on the Control Panel, then turn the water on if there are no issues

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### Adding a POLD to a Control Panel

(Only required if adding extra POLDs to a system after initial purchase. POLDs that come with the Control Panel are already added.)

1. Remove the battery compartment door and insert two AAA batteries (included) being mindful of the polarity labeled in each battery bay.
2. From the Control Panel, tap the menu icon on the top-right, then tap on "Devices", tap "Add", then enter the ID\*\* for the lowest numbered POLD first. Then tap the bar at the top (where the number appears) to commit it. Press "Add" again and repeat this process for any additional sensors. Once all ID's have been entered and committed, press Exit until you return to the main screen, then press "Ok" to save all changes and reboot.
3. Test each sensor's connectivity\*\*\* to the Control Panel by wetting your finger and touching both metal sensor pins. This should cause the sensor to beep, Control Panel to alarm, and a notification to be sent to your phone and/or email if you are registered and connected with the app. To clear the alarm you must first hold the sensor's reset button for 5 seconds before clearing the alarm at the control panel.

\*Connect the control panel to the local WiFi and register with the web app at [catchaleak.com](http://catchaleak.com) before continuing with setup. This is not required but will allow you to verify you are getting text and/or email notifications in the event of an alert if you wish to receive them.

\*\*The ID for each POLD will be 2100 plus the number located on a sticker found on the back of the sensor. For example: a POLD with a "1" sticker will have an ID of 2101.

\*\*\*If the sensor beeps but does not cause the Control Panel to alarm, first bring the POLD closer to the panel to ensure it's not a distance/interference issue and try again. If the Control Panel still does not receive the alarm, remove one of the batteries and hold down the reset button on the POLD while putting the battery back in. Continue to hold the button until the red light starts flashing. Continue to hold while the light turns off for 5 seconds then starts flashing again. At this point, release the button and the POLD will forget its previous settings and enter into pairing mode. Return to Step 2 and add the sensor to the list again (while the red light on the POLD is still flashing) until the red light goes solid. If the red light turns off before successfully pairing, hold the button on the POLD for one second to wake it back up temporarily, then repeat adding to the panel.

### NOTICE

When the POLD has alarmed, it cannot be reset remotely from the app. The reset button on the sensor must be held for 5 seconds and released before the alarm can be cancelled from the control panel and the app. Replace batteries after alarms and in regular intervals to ensure proper functionality.

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