

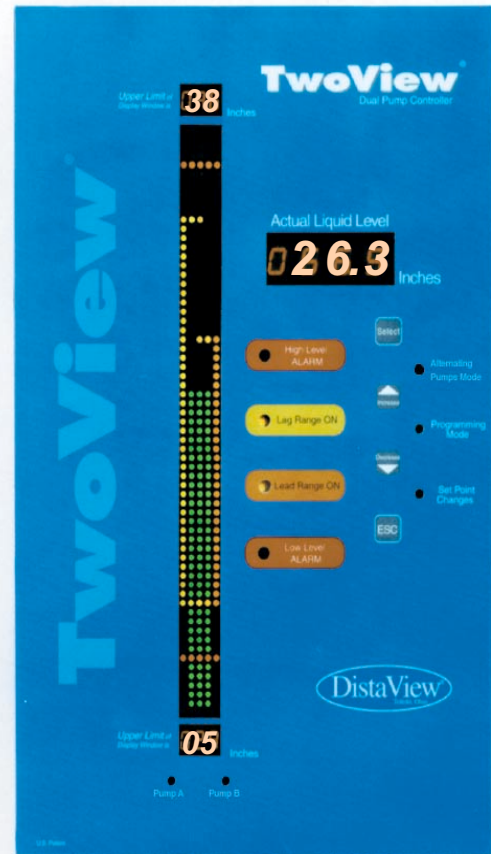
Ten Steps to Set-Up TwoView®

Sump / Lift Station Model

Let's say you are controlling a lift station at a municipal water treatment plant that is **40 feet deep**. The pressure/level sensor is located 2 feet above the bottom of the well or pit and the **Sensor Range is 60 feet**. With 5 feet of water in the well you're going to cavitate the pumps, and 40 feet deep will probably cause flooding. You'd like the LEAD PUMP to start pumping when the level rises to 29 feet and have the LEAD PUMP turn OFF when the level falls back to 10 feet deep. The backup pump LAG PUMP should start pumping if the water rises to 35 feet deep. Both pumps will continue pumping until the level returns to 10 feet deep and then both will shut off. **Taking these programming steps will maintain an overall water level in the lift station between 10 and 35 feet.**

The **High Alarm** circuit will be activated at **37 feet deep** and the **Low Alarm** circuit will be activated at **7 feet**. The cross-section "window" into the lift station that is displayed on the vertical Bar Graph will be **5 through 38 feet**. **NOTE: Be sure DIP # 1 is ON to unlock the programming security feature.**

- 1 Press the **SELECT** button - **RANG** will appear followed by a flashing **R__**. The Transducer Range of **60** feet needs to be entered, using the INCREASE or DECREASE arrows.
The manufacturer setting is printed on the sensor.
- 2 Press **SELECT**; see **OFST** displayed, followed by a flashing **L__**. Enter **2** feet - which is the height the sensor is mounted above the bottom.
- 3 Press **SELECT**; see **P__**; enter **38** feet as The Upper Limit in Display Window level.
NOTE: It is not a control or alarm level.
- 4 Press **SELECT**; see **P__**; enter **5** feet as The Lower Limit in Display Window level.
NOTE: It is not a control or alarm level.
- 5 Press **SELECT**; see **P__**; enter **37** feet as The High Level Alarm depth.
- 6 Press **SELECT**; see **P__**; enter **29** feet as LEAD Pump ON level.
- 7 Press **SELECT**; see **P__**; enter **10** feet as LEAD Pump OFF level.
- 8 Press **SELECT**; see **P__**; enter **35** feet as LAG Pump ON level.
- 9 Press **SELECT**; see **P__**; enter **10** feet as LAG Pump OFF level.
- 10 Press **SELECT**; see **P__**; enter **7** feet as Low Alarm level.



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Press the **ESC** button after you have entered all of the set points. You're finished, and will return to operating mode....return DIP #1 to OFF / locked.