



# SL Plus Level Monitor Manual Tank Calibration (Alternative)

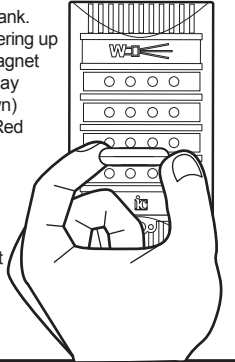
## Note:

If none of the 3 automatic calibration modes described on the previous page is acceptable, use this special manual calibration mode to set each of the water or foam levels independently. Once again, make sure calibration is done with apparatus on a level surface.

### Alt. Step 1

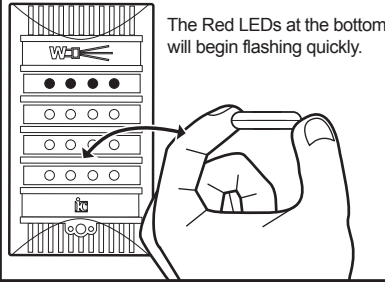
Start with an empty tank. Within 1 min. of powering up the unit, place the magnet over the master display horizontally (as shown) between the row of Red and Amber LEDs.

The different colored LEDs will flash in succession, starting with the Red LEDs at the bottom level.



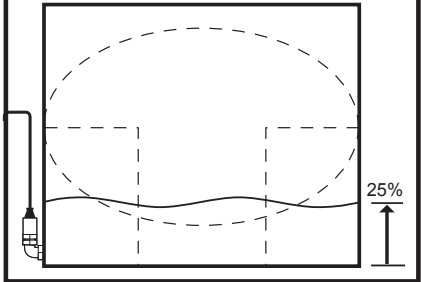
### Alt. Step 2

Wait until the Green LED level at the top is flashing and place the magnet over the display to activate manual tank fill calibration mode.



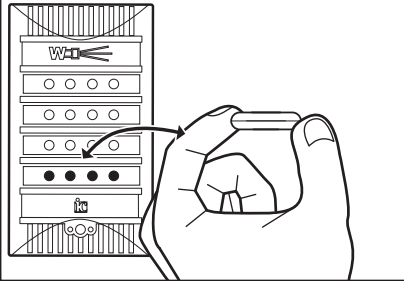
### Alt. Step 3

With Red LEDs flashing, fill the tank to the desired 25% level. Check level visually or by measuring depth.



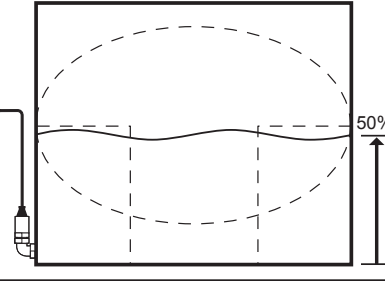
### Alt. Step 4

When satisfied with 1/4 level, place the magnet over the display. The Red LEDs will stop flashing as the Amber LEDs begin to flash. 1/4 level is calibrated.



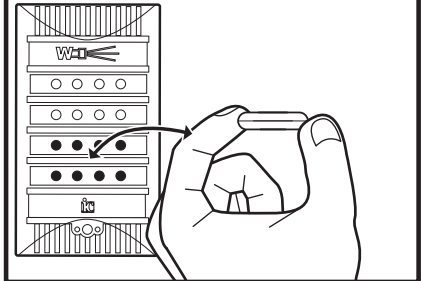
### Alt. Step 5

With Amber LEDs flashing, fill the tank to the desired 50% level. Check level visually or by measuring depth.



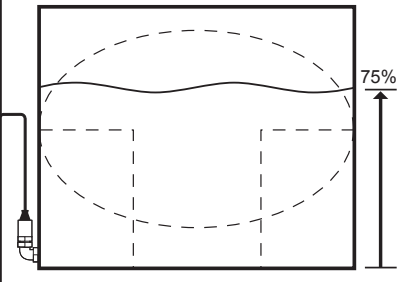
### Alt. Step 6

When satisfied with 1/2 level, place the magnet over the display. The Amber LEDs will stop flashing as the Blue LEDs begin to flash. 1/2 level is calibrated.



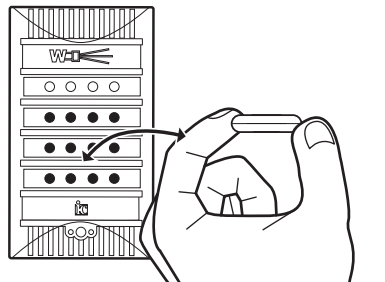
### Alt. Step 7

Fill the tank to the desired 75% level. Check level visually or by measuring depth.



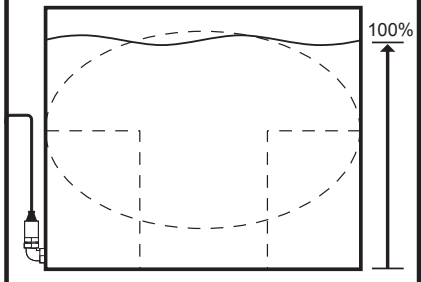
### Alt. Step 8

When satisfied with 3/4 level, place the magnet over the display. The Blue LEDs will stop flashing as the Green LEDs begin to flash. 3/4 level is calibrated.



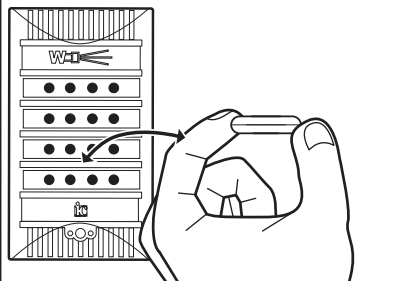
### Alt. Step 9

Fill the tank to the desired FULL level.



### Alt. Step 10

With tank full, place the magnet over the display to complete the alternate calibration process.



### Technical Information:

Master Display to Transducer Pin-Out :

- 1 – White Wire : Signal Voltage from Transducer (+0.25VDC - +4.75VDC) (0" of water – 70" of water)
- 2 – Bare Wire : Drain/Shield
- 3 – Green Wire : Unused
- 4 – Blue Wire : Unused
- 5 – Red Wire : Supply Voltage to Transducer +5.0VDC
- 6 – Black Wire : Ground

Master Display to Remote Display Pin-Out :

- 1 – White Wire : Supply Voltage to Remote Display (+12VDC or +24VDC)
- 2 – Bare Wire : Drain/Shield
- 3 – Green Wire : Ground
- 4 – Blue Wire : Reset
- 5 – Red Wire : Clock
- 6 – Black Wire : Data

### Error Codes

#### Rapid Blinking Green Level

Signal Voltage is too high:  
Possible short between signal voltage and Supply Voltage

#### Rapid Blinking Red Level

Signal voltage is too low:  
Possible short between signal voltage and Ground, or it is unplugged.