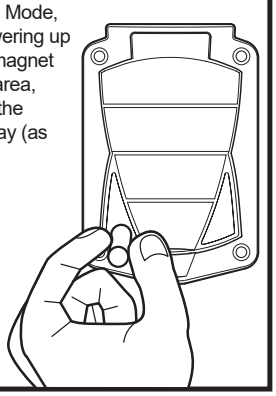
Soft-Glo Tank Level Monitor Calibration Instructions

Note:
This calibration procedure must be performed to ensure that the indicated fluid levels on the display accurately match the actual levels in the tank. The tank can be full or empty to begin calibration, but must be filled before beginning Step 3 (except for odd geometry tanks or tanks that require non-linear calibration). To ensure proper calibration, do not have water in the fill tower and perform calibration with the apparatus on a level surface.

Step 1: Initiate Calibration

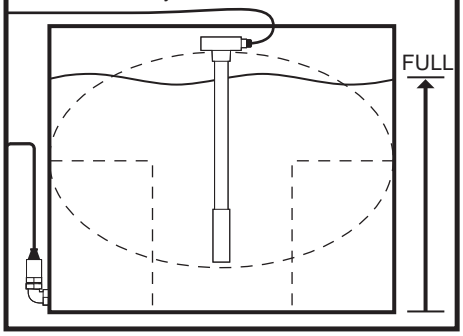
To enter Calibration Mode, within 1 min. of powering up the unit, place the magnet over the left target area, pointing the end of the magnet at the display (as shown).

The entire display will flash green.



Step 2: Calibrating The Probe

If non-linear calibration is required, skip this step. With all the display LEDs flashing green, fill the tank, if not already full.

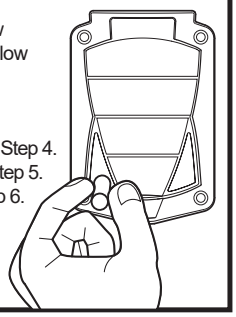


Step 3: Tank Selection Mode

Place the magnet over the left target area.
The lights will flash in sequence as follows, each for 6 seconds. You have 3 cycles to make a selection:

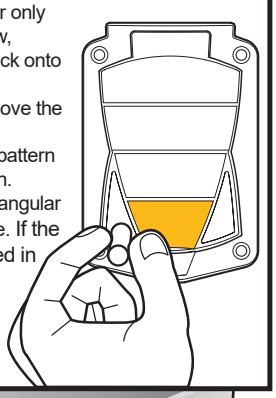
Bottom bar flashes yellow
Bottom two bars flash yellow
Three bars flash yellow
Four bars flash yellow

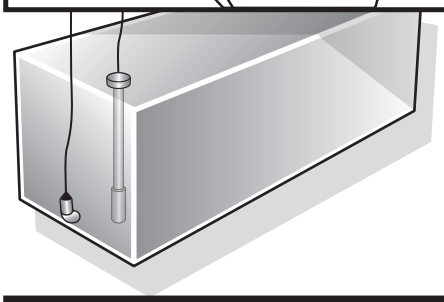
For rectangular tank, go to Step 4.
For T-shaped tank, go to Step 5.
For elliptical tank go to Step 6.
For Manual (non-linear) Mode go to Step 7.



Step 4: Rectangular Tank

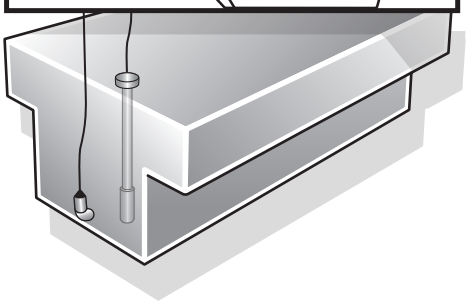
When the bottom bar only begins to flash yellow, place the magnet back onto the display over the left target area. Remove the magnet. You have 6 seconds during this pattern to make the selection. Calibration for a rectangular tank is now complete. If the magnet is not placed in time, wait until tank shape sequence begins again.





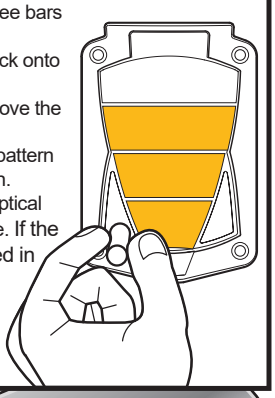
Step 5: T-Shaped Tank

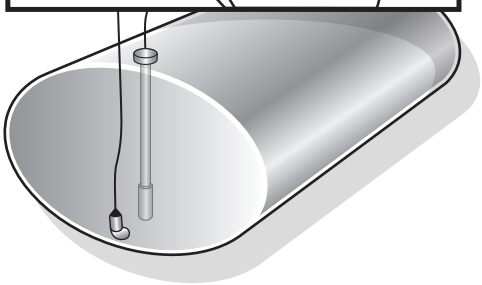
When the bottom two bars begin to flash yellow, place the magnet back onto the display over the left target area. Remove the magnet. You have 6 seconds during this pattern to make the selection. Calibration for a T-Shaped tank is now complete. If the magnet is not placed in time, wait until tank shape sequence begins again.



Step 6: Elliptical Tank

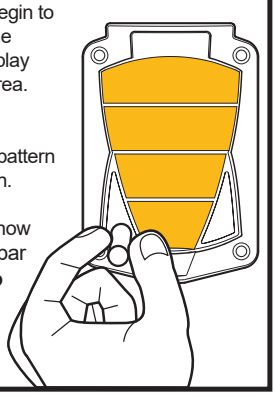
When the bottom three bars begin to flash yellow, place the magnet back onto the display over the left target area. Remove the magnet. You have 6 seconds during this pattern to make the selection. Calibration for an elliptical tank is now complete. If the magnet is not placed in time, wait until tank shape sequence begins again.





Step 7: Manual Mode

When all four bars begin to flash yellow, place the magnet onto the display over the left target area. Remove the magnet. You have 6 seconds during this pattern to make the selection. Manual (non-linear) Calibration Mode is now active. The bottom bar will flash red. **Go to Step 3 of Manual Calibration Instructions on next page.**



Note:

If the magnet is not placed in front of the display to select a tank shape (or manual mode), the tank selection sequence will continue for 3 cycles before timing out.

If the display was calibrated incorrectly, remove power from the display and repeat the process. Recalibration will not occur without cycling power.

System is operable at 12VDC or 24VDC