

# Ground Water Monitoring Quick Start Guide



8800-1204 rev B

When you receive your Ground Water Monitoring equipment, you will need to do a few things to get up and running. Linkcomm program and XLink manual can be downloaded from [www.Sutron.com](http://www.Sutron.com).

- Open the cap
- Connect Battery, solar charger if applicable, and sensors
- Use Linkcomm to program the XLink to measure the appropriate sensor
- Close cap and deploy unit to field

## Remove cap

Opening and closing the cap involve the same steps but done in reverse order. There is a locking pin that prevents the cap from being removed when the unit is closed. In order to open the cap, follow the instructions below.

1. Lift the top half up one or more inches.
2. Rotate the plastic cap counter-clockwise to remove.



## Wire power and sensors

Battery:

Plug the quick disconnects into the Lead Acid battery terminals. The Lithium battery will simply have a Molex connector that needs to be connected to the mate already wired to the XLink.

Solar:

If you have a Lead Acid battery, you will likely have a solar panel that needs to be connected as well. To do this, insert the solar panel cable through the hole located in the lower half of the base. Continue to fish the cable through the PG11 gland (larger one) located on left side in picture. Only pull enough cable into the top half to make the connection on the XLink solar inputs. You may need to pull out the battery to give yourself more room to pull the cable through. Make sure to reinsert the battery. Leave a little bit of a service loop between the top and bottom half of base. The picture shows the cable at its max length.

Sensor:

The right PG gland has the cable for the sensor that goes down the well. Only pull as much cable as is needed into the top to connect to the XLink. The metal clip shown is used to hang a cable strain relief (optional kit) to relieve strain from the PG gland for really long cables.

