

SLX — System Lab X



Kit Includes:

- 1x SLX Module
- 1x 3' DA Bus Cable
- 1x Switch Adapter Cable
- 2x Mounting Screws



The SLXs five input ports provide a broad range of monitoring options for all the most common probes.

1 x pH port

The pH port is a standard BNC connection. While any standard probe should work, we suggest using Digital Aquatics brand probes as they have been tested and are trusted to work with our modules.

1 x pH/ORP port

The pH/ORP port is a standard BNC connection and can be programmed for either pH or ORP. While any standard probe should work, we suggest using Digital Aquatics brand probes as they have been tested and are trusted to work with our modules.

1 x Temperature port

Digital Aquatics Temperature Probe

2 x Switch ports

Great for float switches and leak detectors. This port gives customers the ability easily integrate ATO systems and other automated tasks.

No compromise Design

Small, compact design and convenient mounting tabs make installing the SL1 a breeze.

Upgradeability

The SLX also has upgradeable firmware so you can take advantage of our developing feature set; and firmware updates are always free!



The SLX has a manual switch to the right of the switch B input. When this switch is in the up position, the SLX is set for ORP readings. When the switch is in the down position, the SLX is set for pH readings. The port also needs to be renamed from ORP to pH using the MyReef software (available for download at digitalaquatics.com) The SLX also needs to have the power rest after changing the name.

Setup from the ReefKeeper Lite

pH port

1. From the Lite Head unit, press **[Menu]**, scroll down till **Modules** is flashing and press **[Enter]**, scroll down till **SLX** is flashing and press **[Enter]**, scroll down again until first **pH** is flashing and press **[Enter]**
2. **Calibrate** will now be flashing on the screen, press **[Enter]**
3. The first reading will be 07.00 with the raw data number to the right side of the screen. Place your pH probe into the 7.00 calibration solution for 10-15 minutes. The raw data numbers may bounce between a few numbers, this is normal. Press **[Enter]** until the screen shows 10.00.
4. Remove the pH probe from the 7.00 calibration solution and rinse in RO water.
5. Place the pH probe into the 10.00 calibration solution for 10-15 minutes. The raw data numbers may bounce between a few numbers, this is normal. Press **[Enter]** until the screen shows a flashing Calibrate.
6. Press the **[Back]** button to escape from the calibration process. The calibration points are now saved into the SLX.
7. Rinse the pH probe in RO water and place in tank.

pH/ORP Port pH Setup

1. If setting up for pH, connect Lite system to myReef Software and rename port to pH.
2. From the Lite Head unit, press **[Menu]**, scroll down till **Modules** is flashing and press **[Enter]**, scroll down till **SLX** is flashing and press **[Enter]**, scroll down again until second **pH** is flashing and press **[Enter]**
3. Follow instructions above.

ORP Setup

1. From the Lite Head unit, press **[Menu]**, scroll down till **Modules** is flashing and press **[Enter]**, scroll down till **SLX** is flashing and press **[Enter]**, scroll down again until **ORP** is flashing and press **[Enter]**
2. **Calibrate** will now be flashing on the screen, press **[Enter]**
3. Place the ORP probe into the 400mv calibration solution for 10-15 minutes. The raw data number may bounce between a few numbers, this is normal. Press **[Enter]** until you see 0000 on the screen.
4. Remove the ORP probe from the calibration solution and rinse with RO water.
5. Let the raw data numbers stabilize, then press **[Enter]** until the screen shows a flashing Calibrate.
6. Press the **[Back]** button to escape from the calibration process. The calibration points are now saved into the SLX.
7. Rinse the ORP probe in RO water and place in tank.

Setup from the ReefKeeper Elite

pH port

1. Press **[In]**, scroll down to **SLX** and over to **pH**, press **[Enter]**
2. The first reading will be: Target 10.00 with the raw data number below. Place your pH probe into the 10.00 calibration solution for 10-15 minutes. The raw data numbers may bounce between a few numbers, this is normal. Make sure that the **Next** is highlighted on the screen, and then press **[Enter]** until the screen shows Target 7.00.
3. Remove the pH probe from the 10.00 calibration solution and rinse in RO water.
4. Place the pH probe into the 7.00 calibration solution for 10-15 minutes. The raw data numbers may bounce between a few numbers, this is normal. Make sure the **Save** is highlighted and press **[Enter]**
5. The calibration points are now saved into the SLX. Rinse the pH probe in RO water and place in tank.

pH/ORP Port

pH Setup

1. If setting up for pH, connect Elite system to myReef Software and rename port to pH.
2. Press **[In]**, scroll down to **SLX** and over to second **pH**, press **[Enter]**
3. Follow calibration instructions above.

ORP Setup

1. Press **[In]**, scroll down to **SLX** and over to **ORP**, press **[Enter]**
2. The first reading will be: Target 0 with the raw data number below. Place your ORP probe into RO water for 10-15 minutes. The raw data numbers may bounce between a few numbers, this is normal. Make sure that the **Next** is highlighted on the screen, and then press **[Enter]** until the screen shows Target400.
3. Place the ORP probe into the 400mv calibration solution for 10-15 minutes. The raw data numbers may bounce between a few numbers, this is normal. Make sure the **Save** is highlighted and press **[Enter]**
4. The calibration points are now saved into the SLX. Rinse the ORP probe in RO water and place in tank.