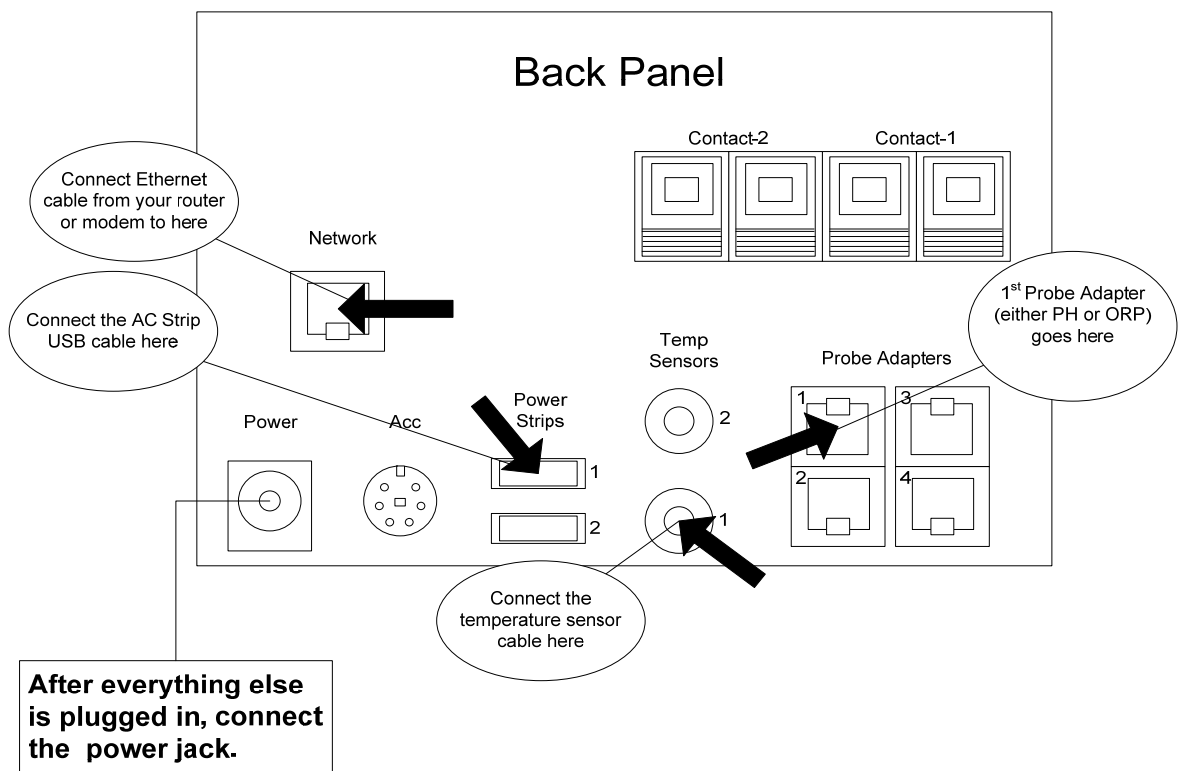


Lighthouse Pro XLS™ Quick Setup

1. With power disconnected, connect the AC outlet strip using the provided USB cable. Connect it to the *Power Strip #1* connector on the back panel.
2. Connect the temperature sensor. Plug it into the connector marked *Temp Sensor #1*.
3. Connect The PH Probe Module to **Probe Adapter #1**. Remove the protective rubber cap from the PH electrode and rinse the probe tip under tap water to clean and remove any white residue.
4. Connect the PH Electrode to the Probe Module. Submerge the tip of the PH electrode in your aquarium or a glass of water.



5. Connect an Ethernet cable from your router/modem to the connector marked **LAN** on the back of the unit. If you have purchased our wireless adapter, we highly recommend that during initial set up you use a hard-wired Ethernet cable.
6. Plug in the power jack. After the power-up sequence is complete, Press the **NETWORK** button on the remote. The controller will display the IP address it is currently using. The number contains four sets of digits separated by a period character. (Your IP

Connect via DHCP
IP:
192.168.1.118

address will be different than the numbers shown). Write the numbers down. Press the red **Cancel** button on the remote.

7. Go to your computer and open your Web Browser. Enter the IP address into the URL box at the top of the browser. For example, if the display reads "IP:192.168.1.198" then enter the numbers "192.168.1.198" into your browser's URL box.
8. After a few moments your browser should now be displaying the Lighthouse Pro home page. If you receive an error message such as "Server not Found" or "Page Cannot Be Displayed" check and may sure you entered the numbers exactly as displayed, including the period characters.
9. The main web page has a row of buttons on the left. Click on the *Set Options* button. You will be prompted for a log in and password. Enter "admin" for the login and "lhpro" for the password in all lower case characters.

10. Under the **Time/Temperature** box, select *Yes* next to "Set Clock From Computer Time". Then click the *Submit* button at the bottom of the page.

11. The first step is to configure your outlets. The Lighthouse Pro is shipped with some predefined outlets to get you started. These outlets are pre-programmed as follows:

Outlet#	Type	Name	Settings
1	Lighting	Daylight	On: 10:00 AM, Off: 7:00 PM
2	Lighting	Actinic	On: 9:30 AM, Off: 7:30 PM
3	Lighting	Refugium	On: 7:15 PM, Off: 9:15 AM
4	Temperature	Heater	78.0 Degrees
5	Manual Only	Skimmer	none
6	Manual Only	Main Pump	none
7	Cycle Timer	Wavemaker1	2 minute cycle
8	Clone	Wavemaker2	Reverse clone of #7

Click on the *Outlet Setup* button to configure your own outlets. Refer to the manual for details on each outlet type.

12. Once your outlets are set up, you should configure your options using the *Set Options* button, then set your *Alarms/Limits*. As a last step, calibrate your PH probe. Details for all these can be found in the user's manual.