



19 Thomas  
Irvine CA, USA

phone: 949-829-5555  
tollfree: 800-288-2833  
fax: 949-829-5560

email: sales@broadleyjames.com  
web: www.broadleyjames.com

## Four-Station Dissolved Oxygen Sensor Polarizer

P/N: E-1807-AAM-DZ  
Operating Instructions



### Connecting Instructions:

- 1) Insert the power supply plug into the 9 VDC "Input" jack, far right.
- 2) Plug the AC adapter into an AC electrical power outlet. *The AC adapter must remain plugged in at all times during use.*
- 3) Connect the four cable BNC plugs to the BNC receptacles on the polarization module.

Module is now ready for use.

### To Polarize Dissolved Oxygen Sensors:

With the AC adapter plugged in, attach the DO sensor to the 4-pin connector on the end of the module cable. The amount of time required for full sensor polarization varies. Typically, 98% polarization is achieved in the first 30 minutes. However, for optimum results, sensors should be polarized for 6-8 hours prior to use.

*Note: The two green indicator lights should remain off during this polarization process.*

### To Test the Module Receptacles:

Plug a cable BNC connector into a corresponding BNC receptacle on the module. Insert the cable's 4-pin connector into the module's 4-pin terminal, far left. The BNC receptacle is good if the green "Output" light comes on.

### To Test a Single-Station Polarizer:

Plug the single-station polarizer directly into the module's 4-pin terminal, far left.

- If the "Battery" and "Output" indicator lights both turn on (two green lights), the single-station polarizer battery is good.
- If only one—or none—of the green indicator lights turn on, the battery in the single-station polarizer may need to be replaced. Please call Technical Support at: **949-829-5555** for further assistance.