

YSI EXO 1 Quick Start Guide

The YSI EXO 1 Water Quality Sonde has the capability to simultaneously measure and log multiple parameters, and includes a central wiper that extends deployment and reduces maintenance.



UW-EXO Adapter

The YSI EXO 1 sonde communicates via a proprietary communication protocol which must be converted through a UW-EXO Adapter.



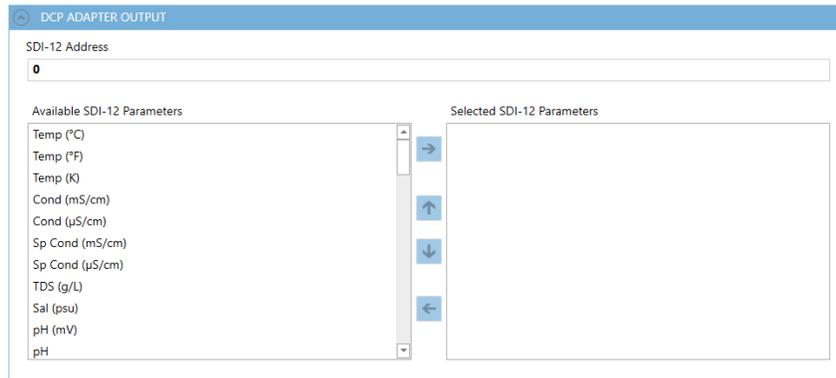
Setting up a Template

Any EXO used with a NexSens data logger must have a template applied to it determining which parameters, and in what order, are logged from the sonde and pushed to WQData LIVE.

- 1 Download and open the [KorEXO software](#), and connect the sonde via a USB SOA or wireless Bluetooth connection. Click the **CONNECT** button.
- 2 Navigate to the **DEPLOYMENT** tab. Three options to set up a template are:
 - a. Upload an existing template to the sonde (**Open Template**)
 - b. Create a new template (**Create Template**)
 - c. Create a template from the sonde (**Create Template From Sonde**)
- 3 In the **Basic Deployment Settings**, you can:
 - a. Input template / site name and description
 - b. Adjust internal logging intervals (if desired)

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- 4 In the **DCP Adapter Output Settings**:
 - a. Select the parameters and correct units matching the sensors installed on the EXO.
 - b. Click the blue arrow  to add them to the list.



- 5 Save the settings and choose 

- 6 A dialog box will appear asking if you would like to start logging
 - a. Choose **YES** to have the EXO log samples in its own memory.
 - b. Choose **NO** to have the sonde data recorded by the data logger only.

- 7 Go back to the main menu and **DISCONNECT** the sonde

Data Logger Connection

Warning: If connected to a data logger, **do not** install internal batteries into the sonde as it will interfere with SDI-12 communication.

- 1 Setup your data logger on WQData LIVE by:
 - a. Following the **Quick Start Guide** included with your order.
 - b. Visiting **NexSens Knowledge Base | Data Logger | User Guides** on the NexSens website.
- 2 Once this is completed, and the sonde template has been created:
 - a. Plug the sonde into the data logger.
 - b. After the next logger reading, confirm that the sensor is uploaded to the WQData LIVE project, and is showing valid readings.
 - c. Gather a few readings before deployment.