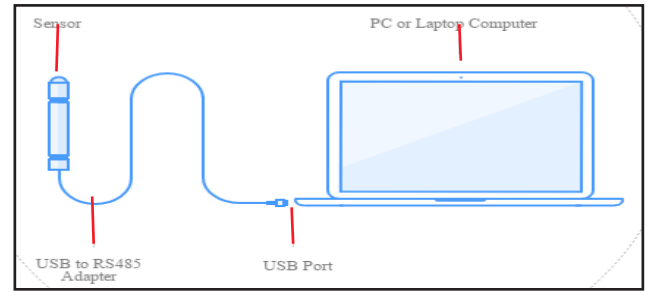
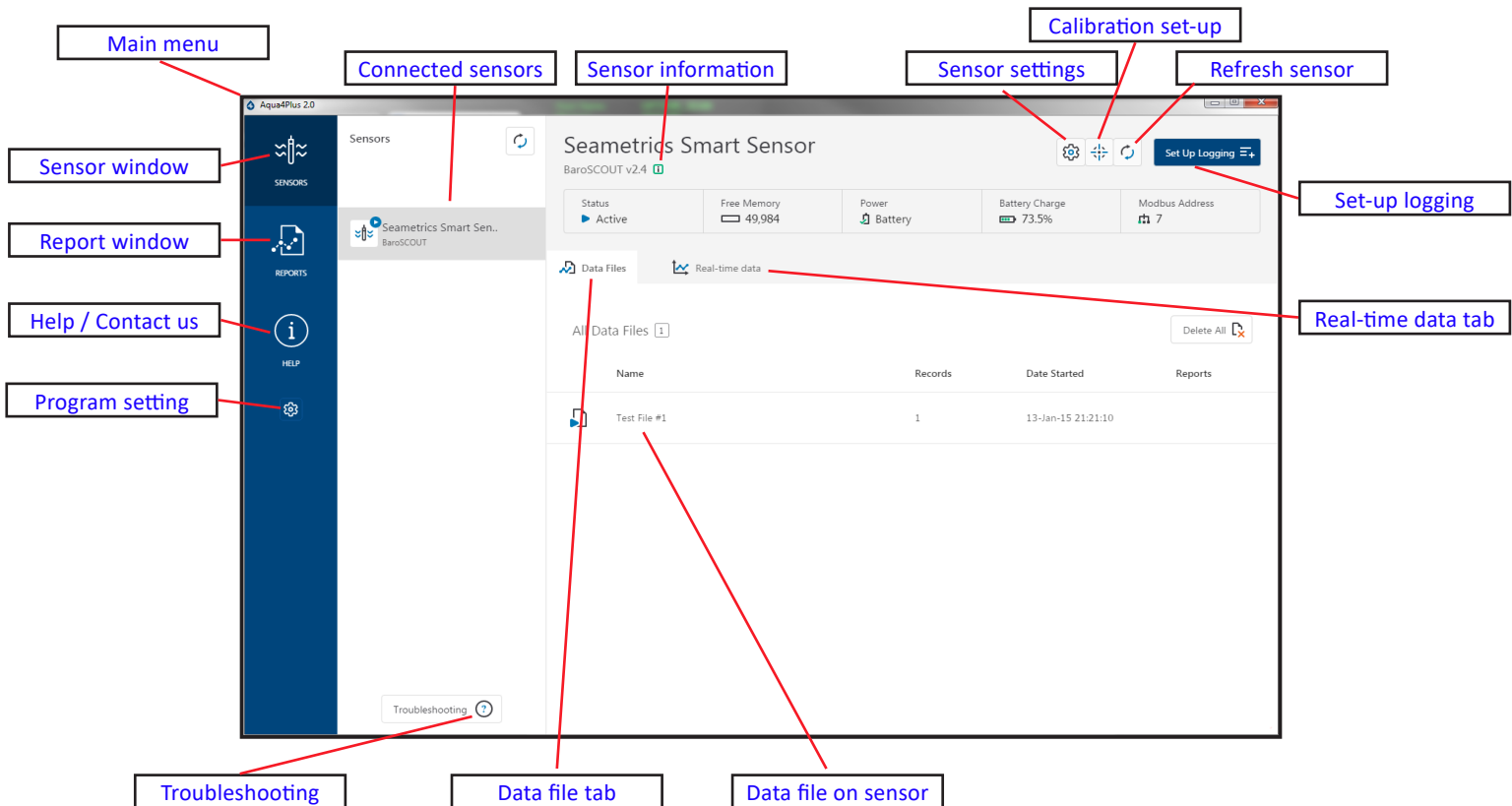


QUICK START GUIDE: Aqua4Plus Software

This guide serves as a quick reference for using Aqua4Plus Software. It is for your convenience and is not intended to replace the information found in the Instruction Manual available to download: <https://www.vanwalt.com/pdf/general/Aqua4Plus-2-0-User-Manual.pdf>

1. Connect your USB Communication Kit/RS485 cable to your PC and sensor as shown. Note: if you have never used one of these before make sure you have internet access before plugging it in for the first time. Drivers will then self-install. If you've previously used this cable no need to update drivers.
2. Install Aqua4Plus 2.0 from USB stick or download from <https://www.vanwalt.com/equipment/levelscout/> Note: if installing on a PC with an existing version of Aqua4Plus make sure to select an installation directory other than the default to avoid installing 2.0 over an existing version.
3. Open Aqua4Plus 2.0, software will automatically detect your com port settings and scan for sensors.
4. **When software updates are released Aqua4Plus software will automatically update when you have a connection to the internet.**

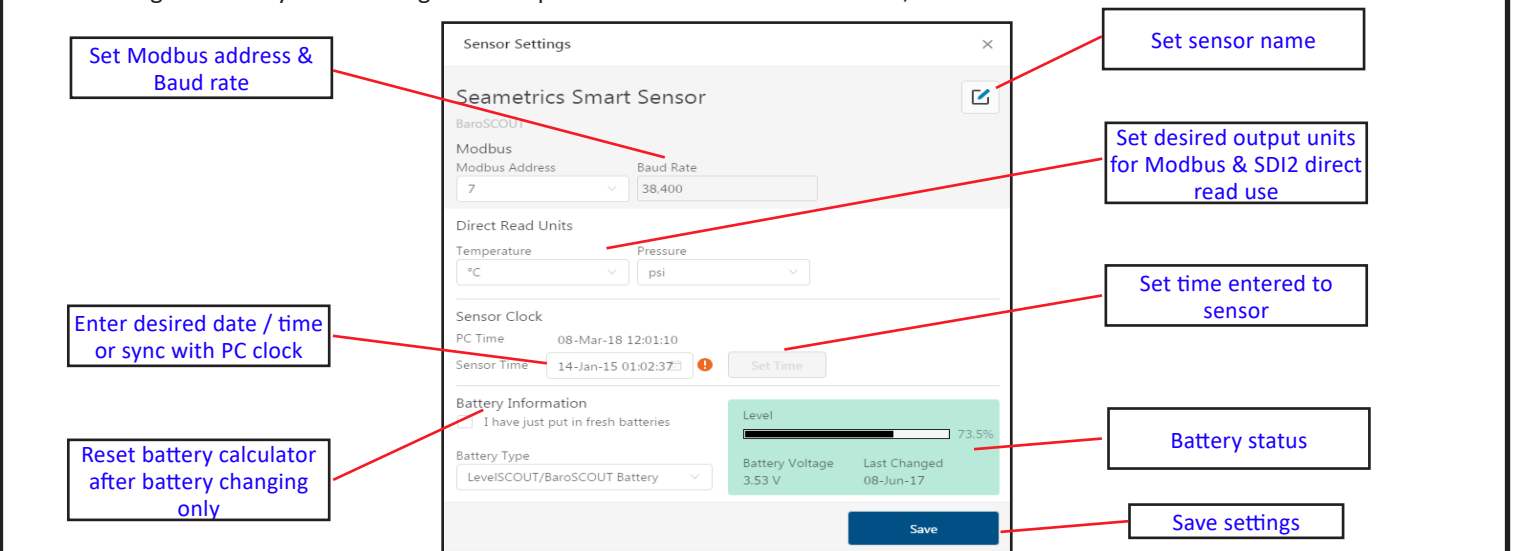



The screenshot shows the Aqua4Plus 2.0 software interface. The main window displays 'Seametrics Smart Sensor' information, including status (Active), free memory (49,984), power (Battery), battery charge (73.5%), and Modbus Address (7). Below this, there are tabs for 'Data Files' and 'Real-time data'. A table shows a single data file named 'Test File #1' with 1 record, starting on 13-Jan-15 at 21:21:10. The interface is annotated with several callouts:

- Main menu**: Points to the top navigation bar.
- Sensor window**: Points to the 'SENSORS' icon in the sidebar.
- Report window**: Points to the 'REPORTS' icon in the sidebar.
- Help / Contact us**: Points to the 'HELP' icon in the sidebar.
- Program setting**: Points to the gear icon in the sidebar.
- Connected sensors**: Points to the 'Sensors' section header.
- Sensor information**: Points to the 'Seametrics Smart Sensor' title.
- Sensor settings**: Points to the gear icon in the top right.
- Refresh sensor**: Points to the refresh icon in the top right.
- Calibration set-up**: Points to the calibration icon in the top right.
- Set-up logging**: Points to the 'Set Up Logging' button.
- Real-time data tab**: Points to the 'Real-time data' tab.
- Data file tab**: Points to the 'Data Files' tab.
- Data file on sensor**: Points to the 'Test File #1' entry in the table.
- Troubleshooting**: Points to the 'Troubleshooting' icon in the bottom left.

Sensor Settings

Sensor settings is where you will change sensor specific items such as sensor name, address and baud rate.



The screenshot shows the 'Sensor Settings' dialog box for a 'Seametrics Smart Sensor'. The settings are as follows:

- Modbus Address**: 7
- Baud Rate**: 38,400
- Direct Read Units**: Temperature is °C, Pressure is psi.
- Sensor Clock**: PC Time is 08-Mar-18 12:01:10, Sensor Time is 14-Jan-15 01:02:37.
- Battery Information**: Level is 73.5%, Battery Voltage is 3.53 V, Last Changed is 08-Jun-17.

The dialog box is annotated with several callouts:

- Set Modbus address & Baud rate**: Points to the Modbus Address and Baud Rate fields.
- Enter desired date / time or sync with PC clock**: Points to the Sensor Time field and the 'Set Time' button.
- Reset battery calculator after battery changing only**: Points to the 'Set Time' button.
- Set sensor name**: Points to the 'Seametrics Smart Sensor' title.
- Set desired output units for Modbus & SDI2 direct read use**: Points to the Direct Read Units dropdowns.
- Set time entered to sensor**: Points to the Sensor Time field.
- Battery status**: Points to the battery level indicator.
- Save settings**: Points to the 'Save' button.

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Calibration Set-up

Calibration setup is used to configure your sensor to read pressure as different level types, or to calibrate the pressure and/or conductivity channels before deployment.

Adjustments and Calibration for Seametrics Smart Sensor

Choose your setting type

- Depth/Submergence
- Depth-to-Water
- Elevation
- Staff Gauge

Check measurement units

Pressure: psi, m H2O, Ft H2O

Conductivity: µS/cm, mS/cm

Buttons: Close, Continue

Annotations:

- Depth/submergence 1 or 2 point pressure calibration (includes Conductivity channel for CT2X)
- Configure pressure to read as Depth to Water
- Configure pressure to match a Dip Meter reading
- Configure pressure to read as Groundwater elevation

Set-up Logging Schedule

Set-up logging will help you configure your specific data collection schedule.

Logging Schedule

Seametrics Smart Sensor

Test File #1

Select Template

Interval: 1 | 15 | 30 | Duration: 30 | 2881 records

Add Phase

1% memory used

Start

Annotations:

- Data file name
- Select pre-programmed or custom logging template
- Select logging interval or continuous logging
- Add a logging phase
- Set logging interval & time unit or select continuous rate
- Select duration time OR # of records
- Save current schedule as a template
- Delete selected template
- Sync sensor clock to PC clock
- Jump to calibration set-up
- Activate delayed start
- Set desired logging start time for delayed start logging
- Available memory
- Start logging

Logging active
 Logging paused
 Logging complete

Name	Records	Date Started	Reports
Test File #1	6	13-Jan-15 21:21:10	

Annotations:

- Pause logging
- Terminate logging
- Download data
- View logging set-up
- Delete all data from sensor
- Link to reports

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Reports

Download files for viewing and/or exporting through Reports.

The screenshot shows the 'All Reports' interface. At the top, there are three callout boxes: 'Import .a4d file' pointing to a download icon, 'Search reports by keyword' pointing to a search bar, and 'Delete all reports' pointing to a 'Delete All' button. Below is a table with columns: Name, Date Modified, Records, Source, and Created By. A row is highlighted for '300k test' with a date range of '21-Feb 15:30:09 - 22-Feb 07:40:51'. Below the table, there are four callout boxes: 'Report details, click to open Report view' pointing to a document icon, 'Export report' pointing to a download icon, 'Barometric Compensation Utility' pointing to a circular refresh icon, and 'Delete Report' pointing to a trash icon.

Report View

Report view displays the selected data file & associated details.

The screenshot shows the 'Report Details' view for 'Test File #2'. It includes tabs for 'Information', 'Data', and 'Schedule'. The 'Data' tab is active, showing a multi-axis line graph with parameters: TDS (174 mg/L), Salinity (15 psi), Pressure (0.2 PSU), Conductivity (355 µS/cm), and Temperature (22.1 °C). Callout boxes on the left include: 'Date view tab' pointing to the 'Data' tab, 'Information tab contains user notes' pointing to the 'Information' tab, 'View logging schedule' pointing to the 'Schedule' tab, 'Graph zoom slider' pointing to a slider on the graph, 'Export report to .csv or .a4d' pointing to an 'Export' button, and 'Delete report' pointing to a 'Delete' button. Callout boxes on the right include: 'View data as a graph' pointing to the graph area, 'View data statistics' pointing to a statistics icon, 'View full screen graph' pointing to a full-screen icon, 'View data as a table' pointing to a table icon, 'Graphing options, zoom, print, export image' pointing to a menu icon, and 'Close report view' pointing to a 'Close' button.

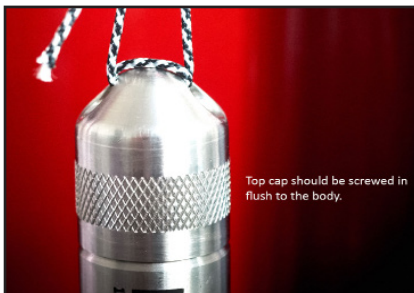
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CAUTION

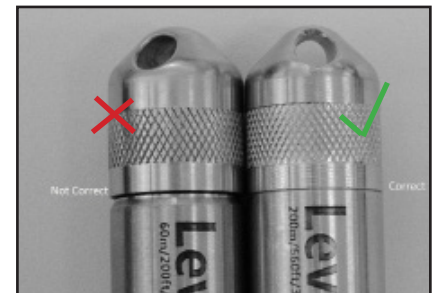
Please take some time to familiarise yourself with the connection of the LevelSCOUT to the communication cable as incorrect usage could cause damage.

Connect the LevelSCOUT to your PC or laptop via the USB cable. Align the male and female connectors on the cable and the LevelSCOUT by GENTLY rotating until the slots and pins align. Use the knurled, silver connector nut to tighten the connection. **DO NOT** tighten by turning the black cable gland. This will cause damage to the pins.



REPLACING THE TOP CAP

Please ensure the Top Cap of the LevelSCOUT is screwed in flush to the body of the logger.



For more detailed information on any of the points covered in this Quick Start Guide please refer to the Aqua4Plus Manual found at: <https://www.vanwalt.com/pdf/general/Aqua4Plus-2-0-User-Manual.pdf>