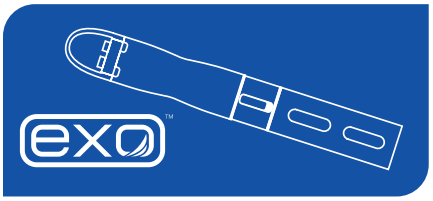
EXO Sonde and Handheld Firmware Change Notes



Purpose:

This document contains release notes for the firmware relating to EXO Sondes, Handhelds, accessories, and sensors.

Instrument	Latest Version
EXO Sondes	
EXO1, EXO2, EXO3	1.0.86
EXO Sensors	
pH, ORP, NH_4, Cl, NO_3, fDOM	3.3.0
Turbidity	3.0.15
C/T, Wiped C/T, ODO	3.0.5
TAL-PC, TAL-PE	3.0.13
Central Wiper	3.0.11
Depth	3.1.3
Rhodamine	3.1.14
NitraLED	1.0.59
EXO Accessories	
EXO Handheld	1.0.76
EXO KorLink	1.0.6
SOA-DCP	2.0.14
SOA-Modbus	2.0.16

Total Algae Firmware v3.0.13
September 2026

What's New:
Enhanced board noise correction during the manufacturing process (affects new sensors only).

Change Notes:
- Enables advanced board noise correction to improve low-range performance of new sensors

Turbidity Firmware v3.0.15
September 2026

What's New:
Added support for Formazin turbidity sensor calibrations.

Change Notes:
- Added support for Formazin calibration standard
- Fixed issue with slow step-down response time
- Improved QC Score calculation

EXO Handheld Firmware v1.0.76
September 2026

What's New:
Added support for Formazin turbidity sensor calibrations.

Change Notes:
- Added menu options to change turbidity mode to Formazin under sensor settings

PREVIOUS UPDATES

EXO KorLink Firmware v1.0.6

November 2025

What's New:
Fixed bug to improve handling of custom device names.

Change Notes:

- Fixed an issue where random characters could be appended to custom KorLink device name
- Prevented invalid characters from affecting markup-based exports (e.g. XML)

Turbidity Firmware v3.0.5

August 2024

What's New:
Improved Turbidity sensor calibration process.

Change Notes:

- Adjustments made to QC range to improve the accuracy of the Turbidity sensor calibration process

SOA-Modbus Firmware v2.0.16

March 2024

What's New:
Bug fix to improve SOA-Modbus interfacing with Blu-X.

Change Notes:

- Improvements to the SOA-Modbus interface with Blu-X

EXO Handheld Firmware v1.0.72

February 2023

What's New:
Bug fixes to improve calibration recording.

Change Notes:

- Fixed an issue in calibration record for pH and ISE sensor value (mV) reading
- Fixed minor issue in calibration record where the barometer was listed as an "Unknown" device type. Changed to "Handheld" for consistency with DSS platform

PREVIOUS UPDATES

EXO Handheld Firmware v1.0.70

March 2022

What's New:
Bug fixes to improve calibration recording and functionality.

Change Notes:

- Fixed pre-calibration values for Kor calibration record parsing
- Fixed issues with barometer calibration record for Kor calibration record parsing
- Added wiper mode to GLP and Kor calibration record
- "Start Logging Now" changed to start logging immediately even if there is a discrepancy in time between the handheld and sonde

EXO Handheld Firmware v1.0.63

September 2020

What's New:
Additional support for sensors and language options.

Change Notes:

- Added support for NitraLED Sensor and Depth/Temperature Sensor
- Fixed issue with the barometer display for non-GPS units
- Added more language options

EXO Sonde Firmware v1.0.86

July 2020

What's New:
Bug fix for EXO Sonde depth sensor.

Change Notes:

- Fixed issue with updating depth sensor

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