

# EXO Handheld and Sonde Firmware Change Notes



#### Purpose:

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

Instrument	Latest Version
EXO Sondes	
EXO1, EXO2, EXO3	1.0.86
EXO Sensors	
pH, ORP, NH <sub>4</sub> , Cl, NO <sub>3</sub> , fDOM	3.3.0
Turbidity	3.0.5
C/T, Wiped C/T, ODO, TAL-PC, TAL-PE	3.0.5
Central Wiper	3.0.11
Depth	3.1.3
Rhodamine	3.1.10
NitraLED	1.0.59
EXO Accessories	
EXO Handheld	1.0.72
EXO GO	1.0.21
SOA-DCP	2.0.14

2.0.16

SOA-Modbus

## **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



#### **PREVIOUS UPDATES**

## 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

# 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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