

HOBOMobile® iOS Readme

Welcome to HOBOMobile. This version of HOBOMobile is available to customers of Onset Computer Corporation under the terms of the Software License Agreement contained in the About screen of the app. This agreement is also available via the Onset Web site at <http://www.onsetcomp.com/corporate/legal/software-license-agreement>.

System Requirements

- Device with iOS 10, 11, 12, and 13 and Bluetooth 4.0.

New Features in Version 2.2

- Added support for scaling of sensors in MX1104 and MX1105 loggers.
- Minor bug fix.

New Features in Version 2.1

- Added support for future MX loggers.

New Features in Version 2.0

- Added support for the HOBOMobile® MX Gateway.

New Features in Version 1.9.3

- Added support for HOBOMobile MX2301A and MX2302A loggers.

New Features in Version 1.9.2

- Minor bug fix.

New Features in Version 1.9.1

- Added support for the HOBOMobile MX2501 pH and temperature logger.
- Minor bug fixes.

New Features in Version 1.8.2

- Minor bug fixes for iOS 11 support.

New Features in Version 1.8.1

- Added support for iOS 11.
- Minor bug fixes.

New Features in Version 1.8

- Added support for the HOBOMobile MX2200 series logger.
- Changed the name of the Power Saving Mode option for MX100 and MX2300 loggers to Bluetooth Always Off.

New Features in Version 1.7.1

- Changed the logger firmware update process to automatically read out the logger before updating the firmware.
- Added support for setting negative differential pressure values for HOBOMobile MX2001 Water Level Logger alarms.

New Features in Version 1.7

- Added support for the HOBOMobile MX2300 series logger.

New Features in Version 1.6

- Added support for the HOBOMobile MX100 Temp logger.
- Added support for iOS 10.

New Features in Version 1.5.1

- Changed minimum supported iOS to 9.2.
- Minor bug fixes.
- Changes to the firmware update process.

New Features in Version 1.5

- The ability to automatically push data to Onset's HOBOLink.com website where you can view the inventory of Bluetooth Smart HOBOMobile MX data loggers and export data in a variety of formats. Data from different deployments, loggers, and sensors can be combined.

New Features in Version 1.4

- Support for the HOBOMobile MX2001 Water Level logger.
- Support for iOS 9.
- Bug fix for iTunes file sharing feature.

New Features in Version 1.3

- Support for the HOBOMobile MX1102 Temp/RH/CO2 logger.
- The device's region is followed when displaying date/time and numeric data.
- Configuring sensor alarms now requests duration instead of number of samples.

- Several bug fixes, including:
 - Issue when Generating Mini Graphs for certain files on 32-bit devices.
 - Showing longitudes from 00 00 00 W through 00 59 59 W incorrectly as E (TY CL UK).
 - Graphs not following device's updated time zone.

New Features in Version 1.1.1

- HOBOMobile MX1101 Temp/RH logger firmware update to address potential reduced battery life upon dropped connection.

Notes to the User

Viewing Devices

- When leaving the HOBOMobile app while on the Loggers screen, the screen could be blank upon return. Visit another screen, such as Data Files or Settings, and then return to the Loggers screen (tap Devices then Loggers). This will allow the screen to be redrawn correctly.
- Do not turn off Bluetooth (or turn on Airplane mode) while using the HOBOMobile app as it is critical for displaying the accurate state of in-range devices. Bluetooth is also required for the gateway.
- If Show Only My Devices is enabled, using Search for loggers or gateways will disable this feature. If you use Search with this feature enabled, you must then visit the Settings screen and disable, then re-enable Show Only My Devices for it to be functioning again.
- If you are not able to connect to a device in the Search results that you know is in range, run your search again. This should make the device available to connect.
- The In Range list of loggers will correctly indicate when MX1102 loggers are powered by USB. However, the Connected screen will show a battery icon as if the MX1102 logger is operating on batteries when it is not.
- If you perform a firmware update for an MX1102 logger in HOBOWare®, you may see the firmware version being reported as R0-Pnnn where 'nnn' is the correct version number, but the radio firmware 'R' is reported as 0. The radio firmware version will be shown correctly after removing power and then powering up the logger.

Configuring Devices

- You should only configure your MX2001 device with the sensor attached. You will have invalid data if the device is configured with the sensor detached.
- If your MX1102 device is configured (launched) from HOBOWare, the Group field is not configurable from HOBOWare. Therefore, the Group field will appear blank when viewing the Configuration Details for your MX1102 device in HOBOMobile.
- If your MX1102 device is configured (launched) from HOBOWare, the Location field is not configurable from HOBOWare. Therefore, the Location field will not appear when viewing the Configuration Details for your MX1102 device in HOBOMobile.

Viewing Data Files

- If you activate the crosshair tool while zoomed out on a graph, it is possible that the restore graph button will not restore the graph to its original scale. Tap Done and then tap the mini-graph again to resume viewing the graph at its original scale.
- If the restore graph button is not enabled, do a pinch on the graph and it will become enabled.
- Viewing the graph of a full data file or adding more sensors to the view of a graph (through the sensor selector) may occasionally draw a blank graph or cause the app to close. This is more likely on older devices. Try doing a small pinch that will refresh the plot and correctly draw all series. If this does not work, try hiding sensor(s) in the sensor selector to see if the plot redraws correctly.
- The Safe Shutdown event does not appear on the plot, although it is correctly included in the shared data files.
- The Gregorian Calendar is supported. Using the Buddhist, Japanese, or other non-Gregorian calendars will likely cause incorrect timestamps in your data.

Sharing Data Files

- When sharing data files, be sure to confirm that all your data arrived as expected before deleting any files in HOBOMobile.
- When selecting multiple data files for sharing by email, consider that your email server may have limitations on attachment size. After sharing your data files, be sure to confirm your email is received. If it is not, then you likely exceeded the attachment size limit. Go back and select fewer files and attempt the share again.
- When sharing .hobo files, you will need HOBOWare 3.7.x on the destination system to open these files. Note that versions prior to 3.7 will not properly open these files.
- If you would like to email data files or images from HOBOMobile, set up your mail account information before attempting to share these files. Mail account information can be entered in your device's Settings > Mail, Contacts, Calendars.
- When sharing an XLSX file for a full readout, it is possible that the Quick Look preview for the Data tab will be blank. Share the file to view the Data tab.
- When sharing an XLSX file from a configuration with Statistics Only logging mode, any Alarm settings will not be included

in the Details sheet.

- If you would like to AirDrop a .hobo file, consider using the AirSharing app, which allows sharing of this file type.

See also the Frequently Asked Questions in the HOBOMobile User's Guide available in the About screen of the app.