

QUICK SHEET

ONSET HOBO MX1102

LOCATION of EQUIPMENT:

Hardware: See lab attendant

Software: HOBOWare on a computer or *HOBOMobile* on a smartphone or tablet

INSTRUCTIONS FOR USE:

1. Use a screwdriver to remove the battery cover and make sure there are 4 AA batteries in the device.
2. If you are using a computer, download the HOBOWare app. If you are using a smartphone or tablet, download the HOBOMobile app and open it.
3. Configure the device using either the HOBOMobile app or HOBOWare.
4. To configure the device using HOBOWare:
 - a. Plug the device into your computer using a mini USB.
 - b. From the device menu in HOBOWare, select launch.
 - c. Choose your logger settings.
 - d. Click the start button when finished.
5. To configure the device using HOBOMobile:
 - a. Open HOBOMobile. Enable bluetooth in your device settings if prompted.
 - b. Tap the HOBOMobile icon at the bottom of the screen. Tap the logger in the recently seen/in range list to connect to it.
 - c. Once connected, tap configure to set up and start the logger.
 - d. Choose your logger settings in the configure screen. Tap the CO₂ sensor and select manual and auto calibration. Manual calibration immediately after logging begins is recommended for best accuracy. Enter the altitude if the logger will be deployed above or below 305 meters (1000 feet).
 - e. Tap Start in the upper right hand corner.

OVERVIEW:

Onset's HOBO MX1102 CO₂ logger measures and record CO₂ in buildings and other non-condensing environments. It measures CO₂ from 0 – 5,000 parts per million (ppm) – and the HOBOMobile app allows you to access data from a mobile phone or tablet within a 100-foot range.

SUGGESTED APPLICATIONS:

- Assessing indoor air quality
- Post occupancy investigations

RELEVANT TOPICS:

Temperature, Energy Consumption, Post Occupancy Studies, Indoor Air Quality