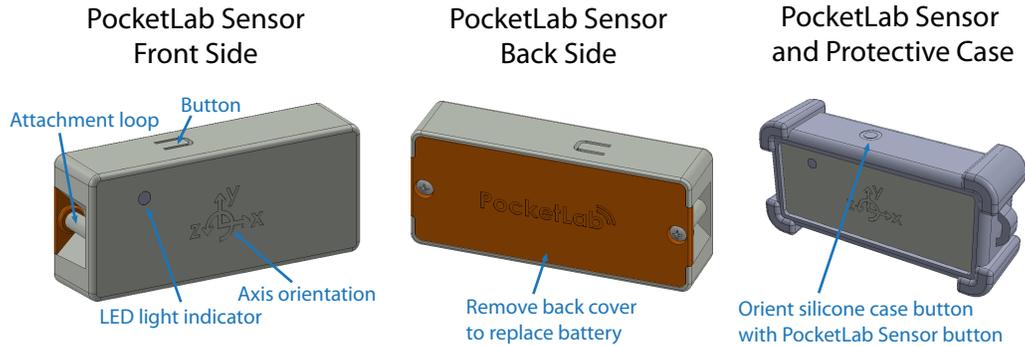


PocketLab Chromebook App Quick Start Guide

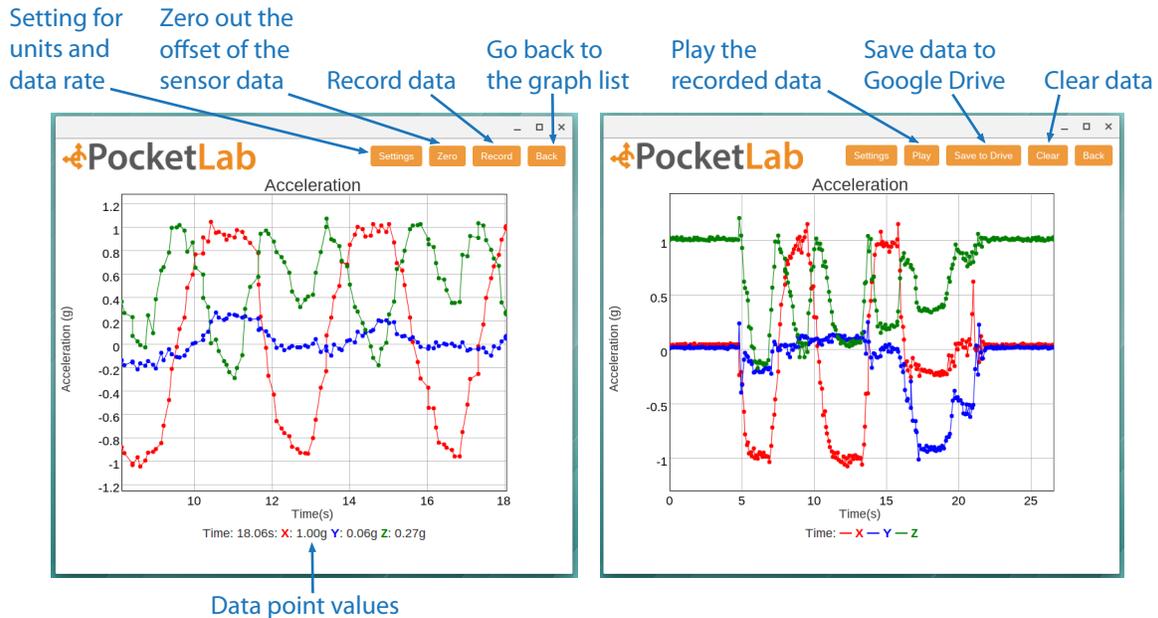
The PocketLab prototype works with Chromebooks with the latest Bluetooth chips (4.0 and newer). Most Chromebooks sold since 2013 are compatible with PocketLab.

PocketLab Sensor Hardware



1. Pull the plastic strip sticking through the PocketLab case to remove the battery terminal cover.
2. Note: Sometimes when the plastic strip is removed, the battery pops out of the battery holder. If the LED lights do not turn ON when the button is pressed, check to see if the battery has popped out.

PocketLab App Interface



App Installation and Setup

1. The PocketLab app works best with the most current operating systems. Make sure your Chrome OS version is up to date.
 - i. Click the status area in the lower-right corner where your account picture appears.
 - ii. Select **Settings**.
 - iii. At the top of the page that opens, click **About Chrome OS**.
 - iv. In the "About" window that appears, click the **Check for and apply updates** button.
2. Download the free **The PocketLab** app from the Chrome Web Store.

3. After installation is complete, go to your wireless settings and **Enable Bluetooth**.

Connect the PocketLab Sensor and App

1. Launch the PocketLab app.
2. Press the top button on the PocketLab sensor. The LED indicator will flash alternating **red** and **green**.
3. The serial number of the PocketLab sensor will appear on the app connection screen.
4. Left click on the **PocketLab Icon** to connect.
5. While the sensor is connecting to the app, the LED indicator will flash **red**.

Displaying Data on the PocketLab App

1. The LED indicator will flash **green** every 3 seconds while connected to the app.
2. The PocketLab app will move to the list of graph screens.
3. Left click on a graph name to display the PocketLab sensor data in real-time.
4. Left click the **Settings** button to change the data units or sensor data rate.
 - i. The slow rate is 1 data point/second, medium rate is 10 data points/second, and the fastest rate depends on the maximum allowed by each sensor (12-20 data points/second).
5. Left click the **Zero** button to zero out the offset of the sensor data.
6. To return to list of sensor graphs left click the **Back** button.

Recording, Reviewing, and Exporting Data

1. To record data for an experimental trial, left click the **Record** icon button. The existing graph data will clear and the current graph data will begin recording. To stop a recording, left click the **Stop** button above the graph.
2. After you stop the data recording, you can scroll and zoom into the recorded data with a left click and drag on the graph data. Drag your cursor horizontally to zoom in the time x-axis. Drag your cursor vertically to zoom in the data y-axis.
3. Press the **Play** button to see the data scroll across the graph.
4. Move the cursor over a data point to display the data and time values.
5. To delete the recorded data and start a new experimental trial, left click the **Clear** button.
6. To save or export the experimental data to Google Drive, left click the **Save to Drive** button.
 - i. The PocketLab app will create a folder in your Google Drive account called **PocketLab**.
 - ii. Data will be saved to Google Drive as a CSV file. You can open the CSV file using Google Sheets.



7. When you are finished reviewing and exporting the data, press **Clear** to return to the **Data Display** mode.

Disconnecting the sensor

1. To disconnect the sensor, left click the **Back** button until you get to the connection screen.
2. Press the top button on the PocketLab sensor once.
3. The LED indicator will stop flashing and the PocketLab app will pop up a message that says connection is lost. Left click **Okay**.
4. Close the PocketLab app.

Product Support

For additional support, please contact The PocketLab Team at support@thepocketlab.com and visit our website at thepocketlab.com.