OSP Hardware Quick Start Guide - Release 2020B

Installation Requirements

Processing and Communication Device (PCD, "the device")

*note that the battery level button doesn't do anything at this time uart port adb port





port for leftport forport for rightBTE-RICsePhysBTE-RICs

Behind-the-Ear, Receivers-In-Canal (BTE-RICs)



1 micro-USB Cable

A Browser-Enabled Device

Working Browser (such as Chrome)
 Wifi connectivity
 Terminal



Installation Steps

1. Plug in the micro-USB cable from a power source into the adb port to charge the device.

micro-USB cable

2. Plug in the BTE-RICs into the left and right ports on the side of the device.



port for left port for right

3. Flick the on/off switch to turn on the device.

on/off switch





adb port



4. The device has a wifi
hotspot called "ospboard".
In your computer, find and
connect to that hotspot.

4a. In your computer, check foravailable wifi networks. You shouldsee a wifi hotspot named "ospboard".



5. On your browser, enter one of the following in the search bar:

"192.168.8.1:5000"

This runs the Node.js version of EWS, which provides the latest features that OSP has to offer.



"192.168.8.1"

This runs the PHP/Laravel version of EWS, which provides older features of OSP.

Includes amplification, noise and feedback parameters.	Includes a 4AFC Task webapp in which an end user can play a sound on click and select a response from 4 options.	Includes researcher interface and user interface
Ecological Momentary Assessment (EMA)	AB Tasks 👻	Go to our website
Includes an EMA webapp, using which an end user can respond to a prompted question or set of questions.	Includes an AB Task webapp, using which an end user can select a relationship between two presented stimuli, A and B, evaluated on a 7 point likert scale.	This is a link to the Open Speech Platform website!
Calibration		
Calibrate the MHA device using measured values.		

4b. Connect to that hotspot and enter

"hearingaid" as the password.



ative Forced Choice(4 AFC) Task CoraseFit Task Reset isted word recognition tests using minimal contrast sets. Includes amplification, noise and feedback parameters. Reset to Original Prescription			
	isted word recognition tests using minimal contrast sets.	CoraseFit Task Includes amplification, noise and feedback parameters.	Reset Reset to Original Prescription