

EEG Set-up

In the Brain & Behaviour Lab, there are a total of 7 [BioSemi](#) systems. Three of them are permanently in B-447(A, B, & C). Two of them are rotated in the rooms of B-449(A, B, C, & D). The remaining two BioSemi systems can be used on request in B-449 (contact the Lab Coordinator). Usually the remaining two are also placed in the rooms of B-449. So, in practice the rooms all have an EEG system, but keep in mind that this is not always certain for two rooms in B-449!

EEG Conduct

The A/D-boxes and electrodes are expensive and sensitive equipment and should therefore be handled with equivalent care. So, there are a couple of basic rules that you should keep in mind when handling EEG:

- Never let a participant take an A/D-box with them when going someplace other than the experiment space (e.g., the toilet, taking a break, etc.).
- Do not bend the electrodes or be rough when attaching or disconnecting the electrodes to the inputs.
- Do not bring electrodes in contact with metal surfaces as this may result in all sorts of damage.
- Do not handle any fluid or other small particles near the A/D-box, anything going into the ports can damage the device permanently.

Sending Triggers

Triggers are sent using a **Serial Port**.

EEG Supplies

In the back of the EEG lab (B-447), to the right, there is a storage closet full of supplies that are needed to conduct EEG experiments. These include gel, stickers for electrodes, rubbing alcohol, gloves and tissues. There are caps and electrodes present in the lab, as well as multiple batteries for the BioSemi. If there is low stock of anything, please contact the Lab Coordinator.

[INSERT PICTURE OF SUPPLIES CLOSET]

Revision #9

Created 2025-12-03 12:33:55 UTC by Admin

Updated 2026-06-08 13:43:39 UTC by Admin