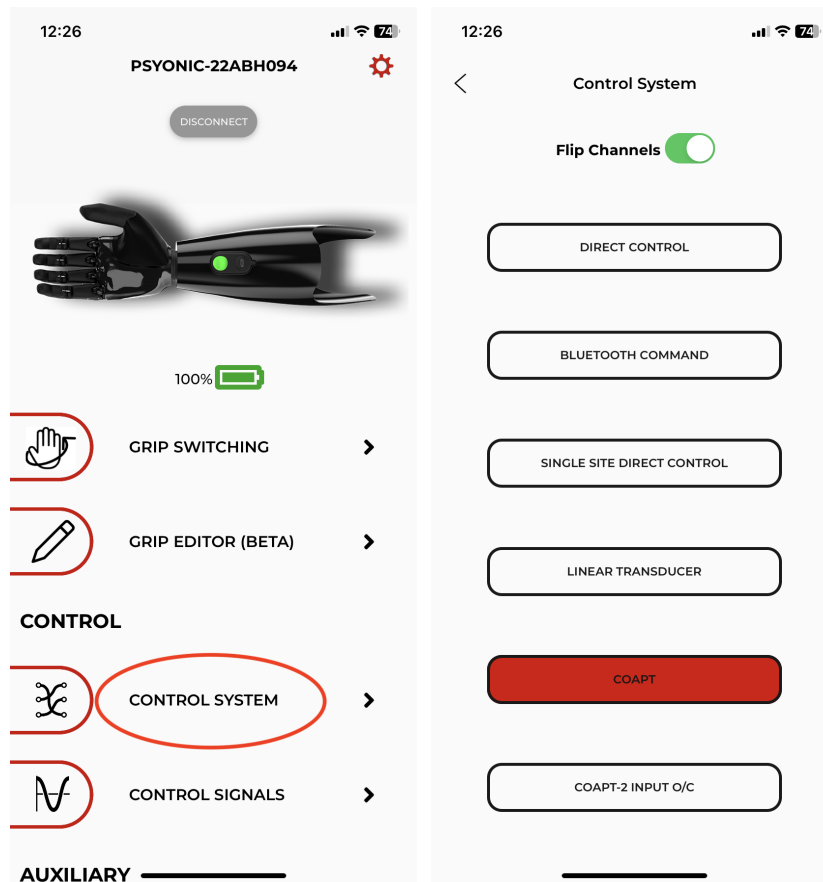


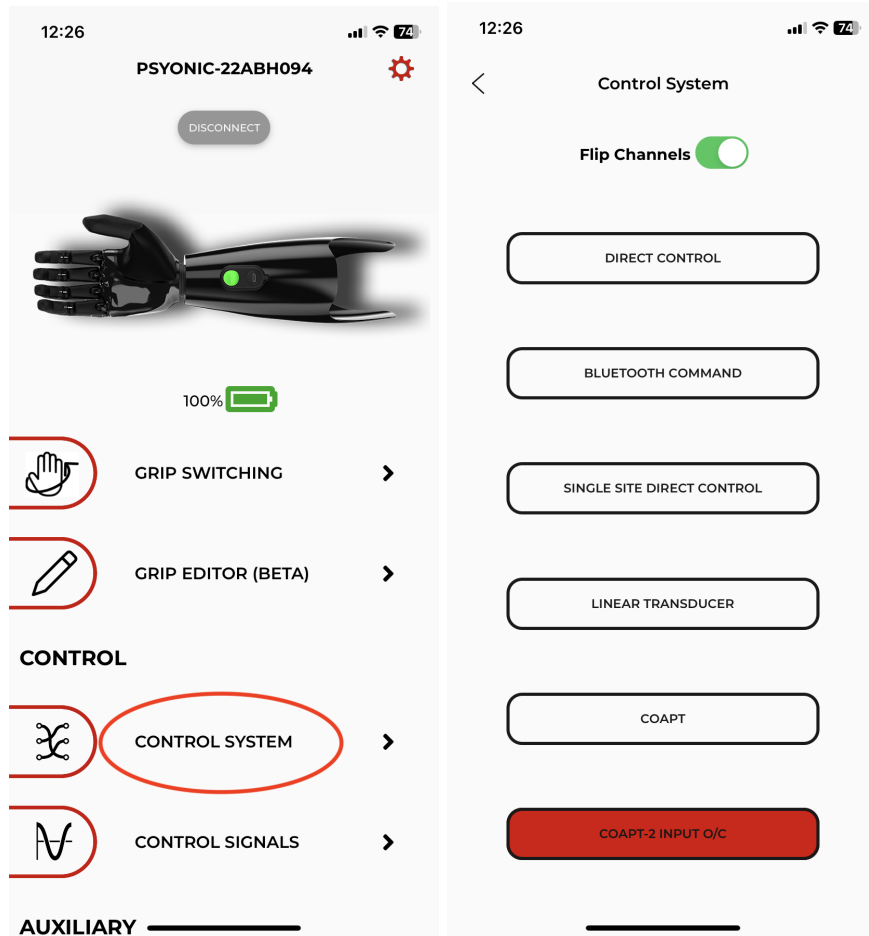
# Ability Hand Set-Up with Coapt

1. Set-up Coapt with the Ability Hand: [Link to Fabrication guide for Coapt](#)
2. Press PSYONIC Power Switch button or turn on elbow and listen for “Beep” from Coapt Button
3. Go to PSYONIC Ability Hand app on phone.
  - a. If using COAPT’s Pattern Recognition
    - i. Main Menu > Control Systems > Select COAPT

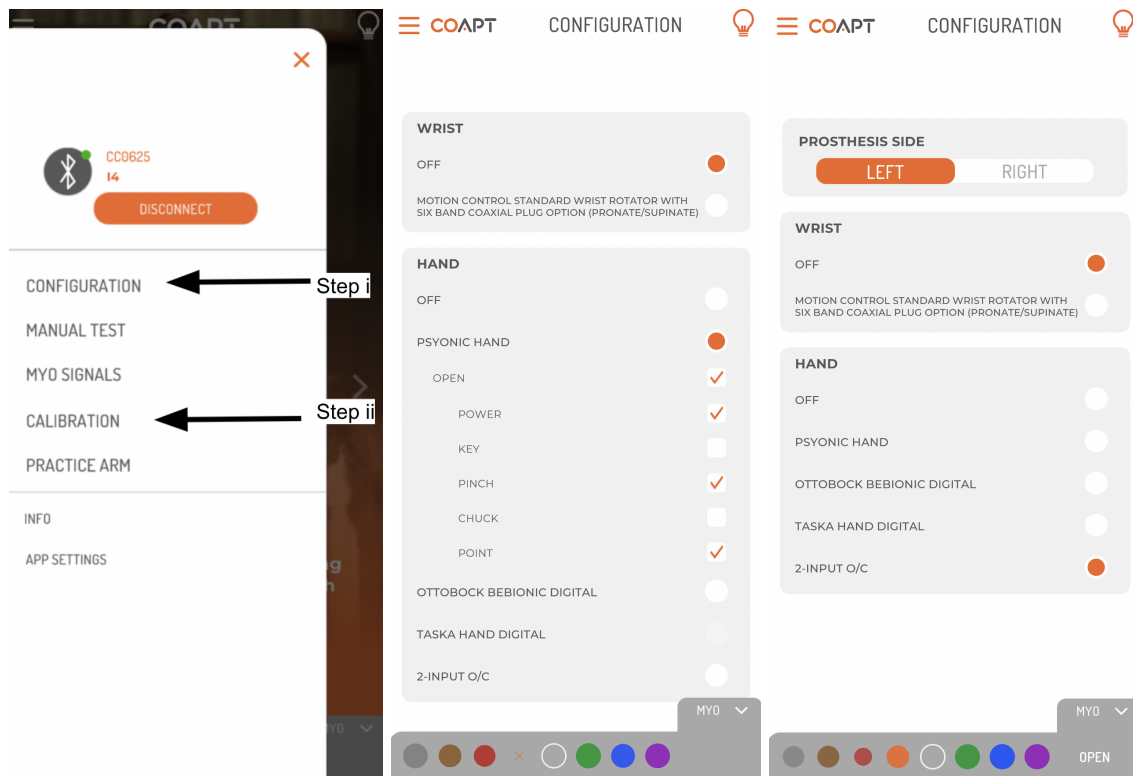


b. If using COAPT's 2 O/C

i. Main Menu > Control Systems > Select COAPT-2 INPUT O/C

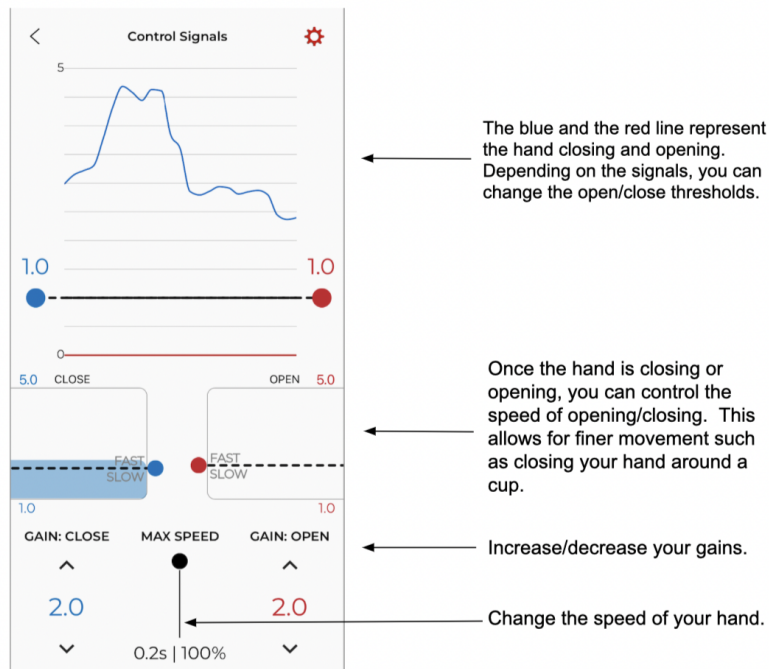


4. Go to Coapt's Complete Control Room or Control Companion
  - a. Connect via Bluetooth
  - b. If using COAPT's Pattern Recognition
    - i. Go to CONFIGURATION Page and confirm details:
      1. HAND Side
      2. Wrist input
      3. Select PSYONIC HAND + selected grips
    - ii. Train on various grips in CALIBRATION
  - c. If using COAPT's 2 O/C
    - i. Go to CONFIGURATION Page and confirm details:
      1. Hand Side
      2. Wrist input
      3. Select 2-INPUT O/C
    - ii. Train on Open and Close in CALIBRATION



**NOTE: FOR COAPT 2-input O/C ONLY**

- I. LED on power switch will flash red temporarily and eventually change to a solid non-red color
  - A. *If light changes to a solid dim red color, this indicates either a COM issue or that the hand is not receiving power. Please contact PSYONIC Support team at 1-888-PSYONIC (779-6642) or via email at [support@psyonic.io](mailto:support@psyonic.io) for help with troubleshooting.*
- II. Go back to the PSYONIC App into Control Signals Page to see EMG signals
- III. Personalize your controls with the Control Signals Page:



The screenshot shows the 'Control Signals' page in the PSYONIC app. At the top, there is a graph titled 'Control Signals' with a blue line representing closing and a red line representing opening. Below the graph is a horizontal slider with a blue dot on the left (labeled '1.0') and a red dot on the right (labeled '1.0'). Underneath the slider are two boxes: 'CLOSE' on the left and 'OPEN' on the right, each with a 'FAST' and 'SLOW' speed selector. At the bottom, there are three vertical sliders: 'GAIN: CLOSE' (set to 2.0), 'MAX SPEED' (set to 0.2s | 100%), and 'GAIN: OPEN' (set to 2.0). Annotations with arrows point to these elements:

- ← The blue and the red line represent the hand closing and opening. Depending on the signals, you can change the open/close thresholds.
- ← Once the hand is closing or opening, you can control the speed of opening/closing. This allows for finer movement such as closing your hand around a cup.
- ← Increase/decrease your gains.
- ← Change the speed of your hand.